

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073772.D
 Acq On : 01 Jul 2022 19:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 05 05:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	142153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	279808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	260635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74027	53.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.760%	
35) Dibromofluoromethane	7.903	113	72702	47.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.660%	
50) Toluene-d8	10.332	98	237974	42.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.360%	
62) 4-Bromofluorobenzene	12.620	95	105349	47.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	36418	41.531	ug/l	95
3) Chloromethane	2.209	50	51392	52.234	ug/l	94
4) Vinyl Chloride	2.338	62	58545	52.651	ug/l	95
5) Bromomethane	2.750	94	41163	63.277	ug/l	96
6) Chloroethane	2.909	64	45355	56.122	ug/l	93
7) Trichlorofluoromethane	3.256	101	100408	49.456	ug/l	99
8) Diethyl Ether	3.703	74	35693	52.568	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.079	101	62345	46.312	ug/l	89
10) Methyl Iodide	4.285	142	42199	44.125	ug/l	99
11) Tert butyl alcohol	5.191	59	34403	100.727	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	51240	44.407	ug/l	90
13) Acrolein	3.921	56	3876	121.695	ug/l #	79
14) Allyl chloride	4.703	41	98772	49.638	ug/l	96
15) Acrylonitrile	5.415	53	110953	300.080	ug/l	99
16) Acetone	4.150	43	81154	281.277	ug/l	99
17) Carbon Disulfide	4.397	76	78560	42.956	ug/l #	95
18) Methyl Acetate	4.709	43	47939	55.692	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	212966	56.786	ug/l	99
20) Methylene Chloride	4.956	84	78974	53.091	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	61610	47.146	ug/l	99
22) Diisopropyl ether	6.362	45	280135	55.908	ug/l	96
23) Vinyl Acetate	6.297	43	794175	313.322	ug/l	96
24) 1,1-Dichloroethane	6.250	63	145094	51.806	ug/l	97
25) 2-Butanone	7.203	43	139625	294.681	ug/l	94
26) 2,2-Dichloropropane	7.197	77	121076	46.783	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	90479	51.339	ug/l	94
28) Bromochloromethane	7.538	49	60285	55.984	ug/l #	79
29) Tetrahydrofuran	7.556	42	91254	304.691	ug/l	92
30) Chloroform	7.697	83	164142	55.281	ug/l	97
31) Cyclohexane	7.979	56	89289	46.786	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	133228	51.163	ug/l	98
36) 1,1-Dichloropropene	8.103	75	93333	44.223	ug/l	97
37) Ethyl Acetate	7.285	43	65343	58.731	ug/l #	97
38) Carbon Tetrachloride	8.085	117	105651	46.624	ug/l	99
39) Methylcyclohexane	9.344	83	98494	40.977	ug/l	95
40) Benzene	8.344	78	295587	47.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	37801	52.411	ug/l	96
42) 1,2-Dichloroethane	8.414	62	102203	54.396	ug/l	99
43) Isopropyl Acetate	8.444	43	129955	54.784	ug/l	94
44) Trichloroethene	9.103	130	75552	45.620	ug/l	100
45) 1,2-Dichloropropane	9.379	63	89699	50.563	ug/l	99
46) Dibromomethane	9.467	93	49790	53.483	ug/l #	85
47) Bromodichloromethane	9.650	83	135148	53.660	ug/l #	93
48) Methyl methacrylate	9.450	41	55869	52.499	ug/l #	93
49) 1,4-Dioxane	9.450	88	14592	1166.208	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	346722	287.148	ug/l	96
52) Toluene	10.397	92	200376	48.189	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	124853	50.455	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	135358	48.321	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	74734	53.696	ug/l	96
56) Ethyl methacrylate	10.650	69	101867	55.194	ug/l	96
57) 1,3-Dichloropropane	10.938	76	125328	53.500	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	181719	242.896	ug/l	93
59) 2-Hexanone	10.973	43	238143	289.432	ug/l	94
60) Dibromochloromethane	11.132	129	90539	53.575	ug/l	95
61) 1,2-Dibromoethane	11.238	107	66381	51.627	ug/l	95
64) Tetrachloroethene	10.867	164	55747	41.842	ug/l	88
65) Chlorobenzene	11.661	112	233874	48.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	89719	49.472	ug/l	94
67) Ethyl Benzene	11.738	91	413266	46.777	ug/l	97
68) m/p-Xylenes	11.844	106	313226	93.195	ug/l	99
69) o-Xylene	12.167	106	155851	47.370	ug/l	98
70) Styrene	12.185	104	275488	48.894	ug/l	99
71) Bromoform	12.350	173	50306	53.185	ug/l #	97
73) Isopropylbenzene	12.467	105	417704	46.710	ug/l	99
74) N-amyl acetate	12.273	43	132429	54.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	94943	53.264	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	118105	104.699	ug/l #	5
77) Bromobenzene	12.749	156	91095	49.721	ug/l	83
78) n-propylbenzene	12.808	91	518444	46.320	ug/l	97
79) 2-Chlorotoluene	12.897	91	300213	48.059	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	354386	47.647	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	28677	49.042	ug/l	94
82) 4-Chlorotoluene	12.991	91	313513	48.404	ug/l	99
83) tert-Butylbenzene	13.208	119	309524	47.029	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	348592	47.428	ug/l	99
85) sec-Butylbenzene	13.385	105	469535	46.113	ug/l	98
86) p-Isopropyltoluene	13.502	119	378623	46.403	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	186902	48.950	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	187807	49.350	ug/l	97
89) n-Butylbenzene	13.826	91	375417	45.588	ug/l	98
90) Hexachloroethane	14.096	117	77070	47.780	ug/l	86
91) 1,2-Dichlorobenzene	13.873	146	173279	51.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15578	53.056	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	96838	48.074	ug/l	98
94) Hexachlorobutadiene	15.243	225	44450	44.459	ug/l	97
95) Naphthalene	15.379	128	235672	52.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	89680	51.189	ug/l	95

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ClientSampleId :
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QLast Update : Tue Jul 05 04:59:39 2022
Response via : Initial Calibration

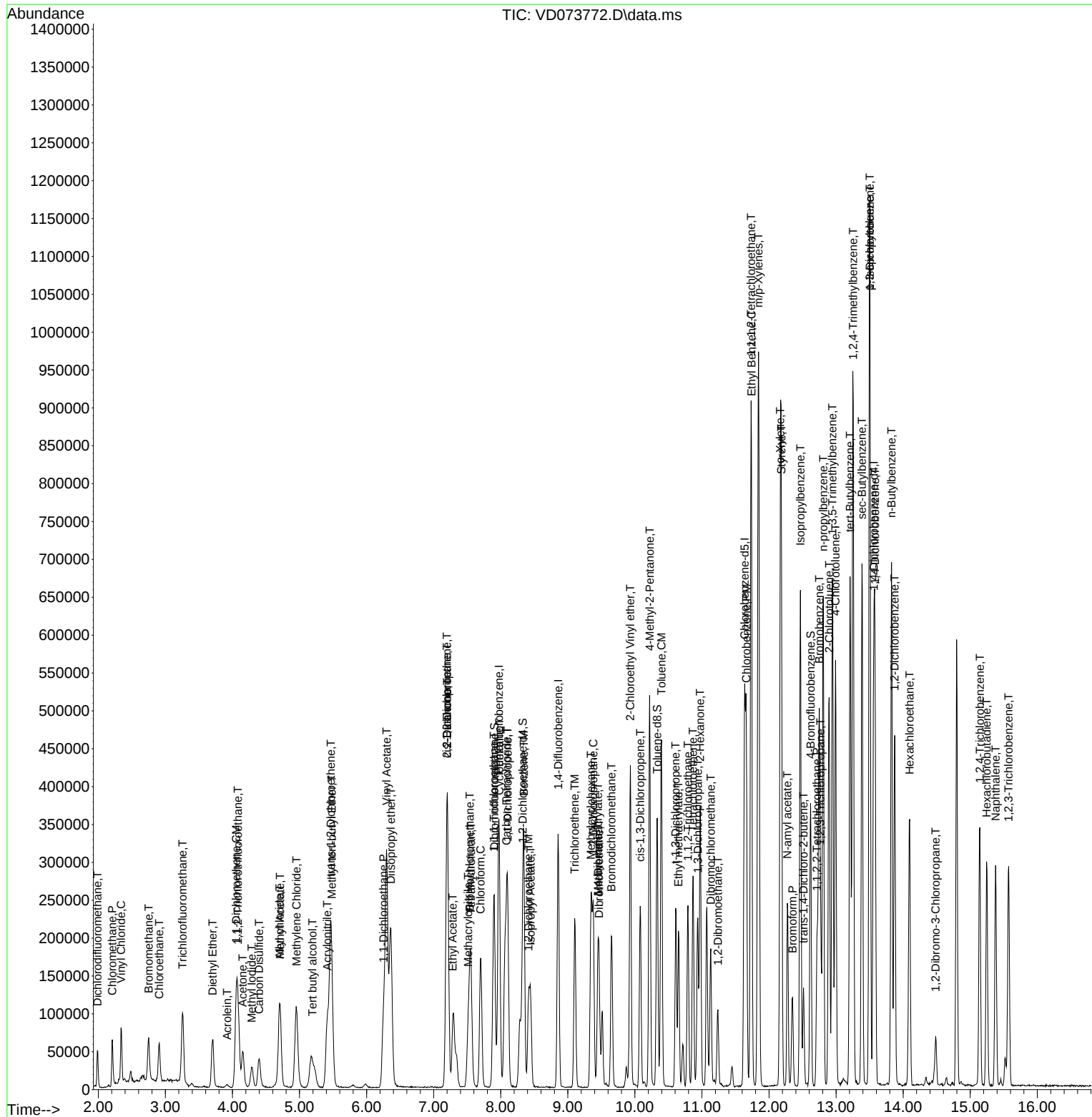
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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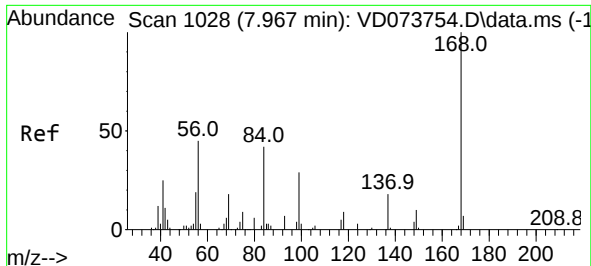
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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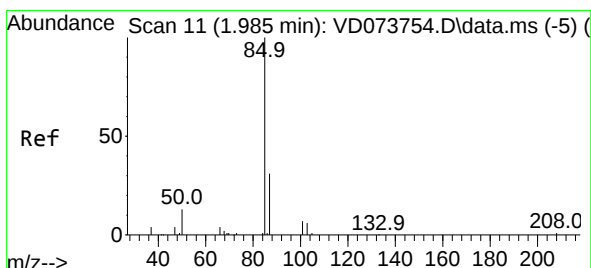
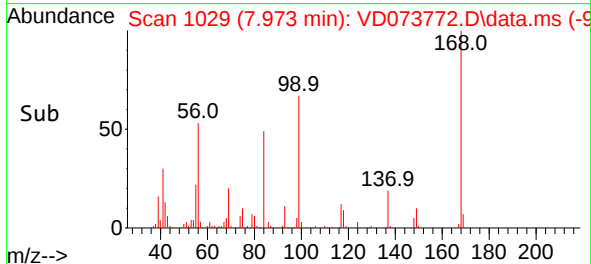
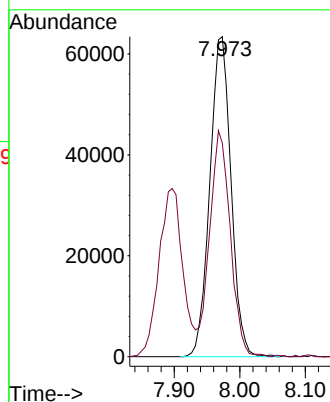
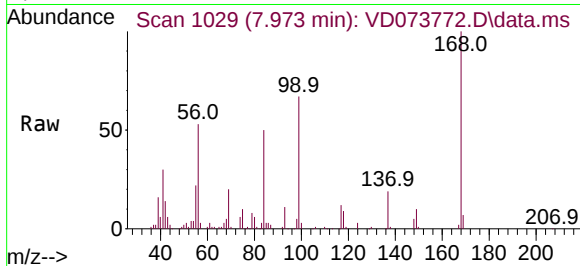




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073772.D
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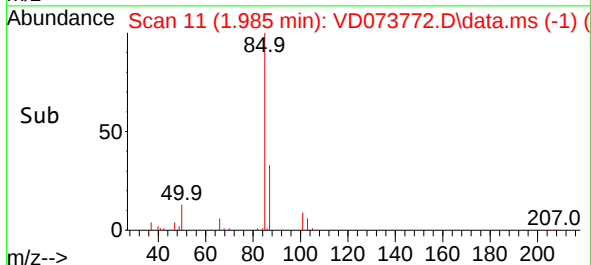
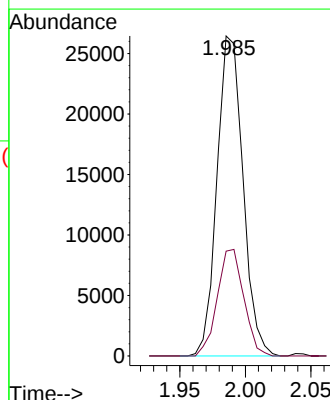
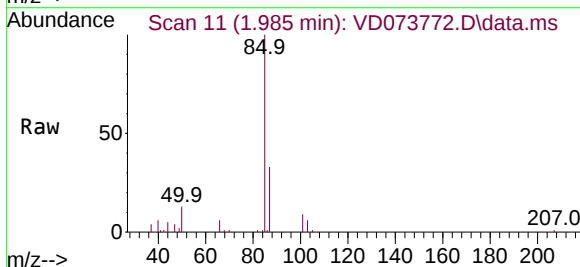
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

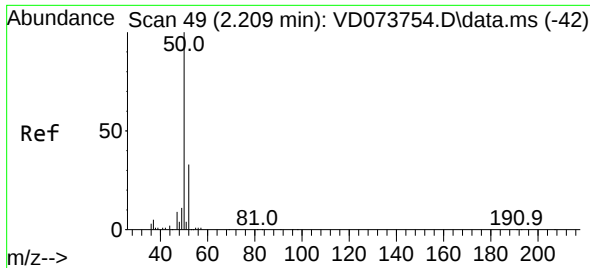
Tgt Ion:168 Resp: 142153
Ion Ratio Lower Upper
168 100
99 66.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 41.531 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 85 Resp: 36418
Ion Ratio Lower Upper
85 100
87 32.8 15.2 45.5

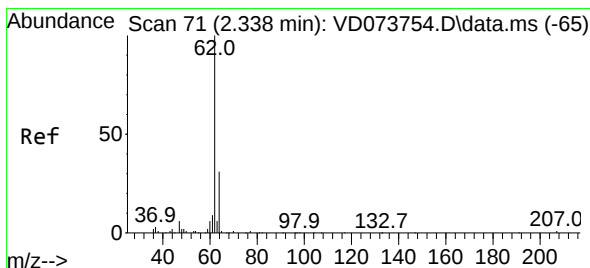
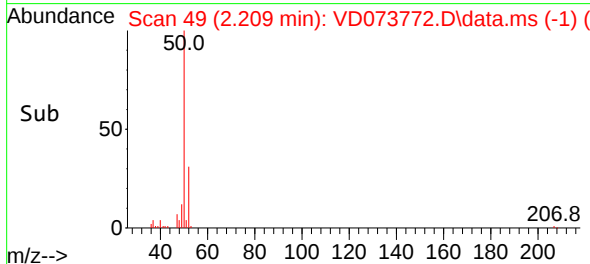
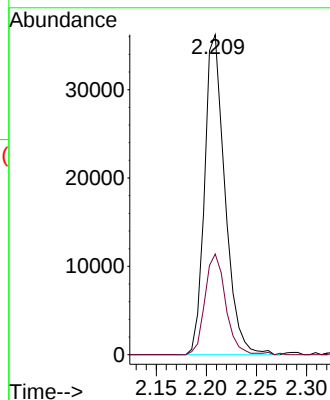
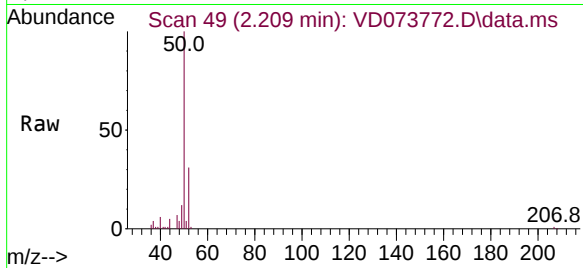




#3
Chloromethane
Concen: 52.234 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

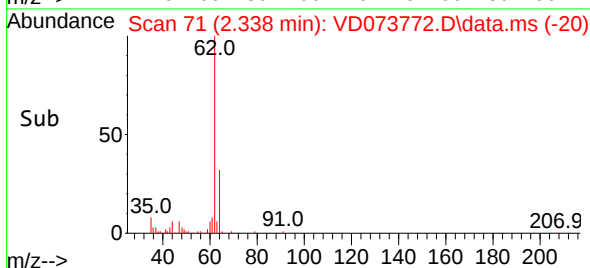
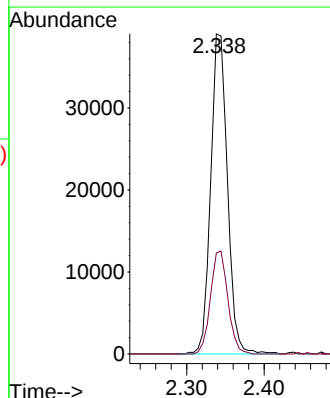
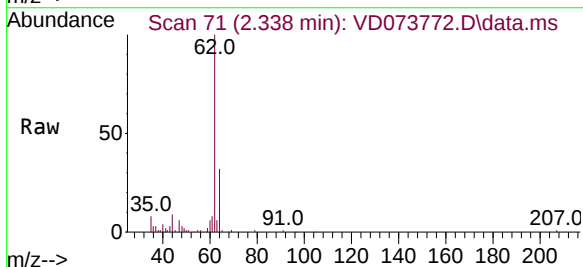
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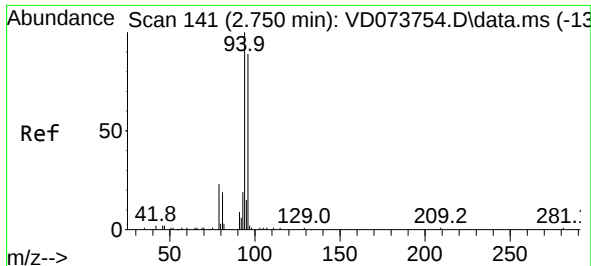
Tgt Ion: 50 Resp: 51392
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.6



#4
Vinyl Chloride
Concen: 52.651 ug/l
RT: 2.338 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 62 Resp: 58545
Ion Ratio Lower Upper
62 100
64 31.6 27.8 41.6

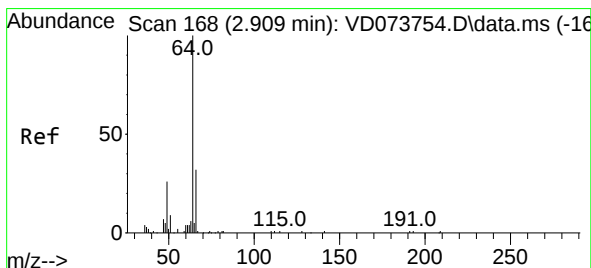
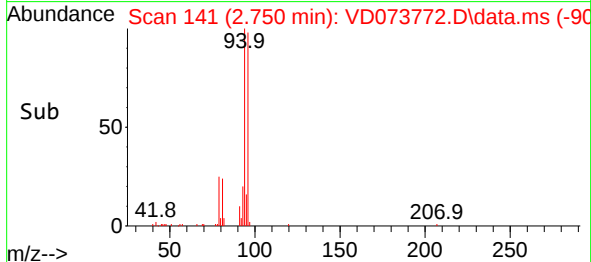
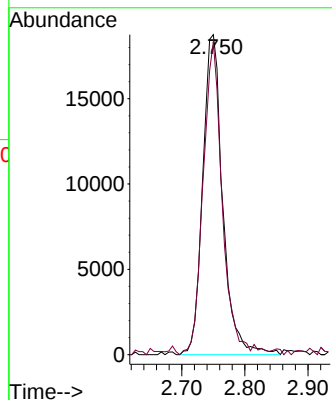
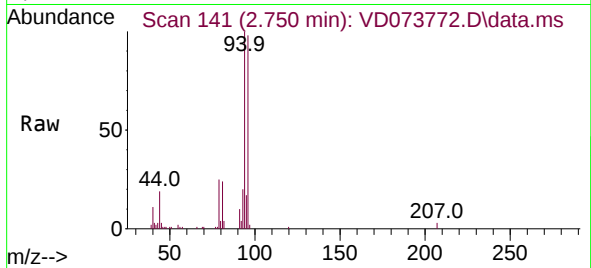




#5
Bromomethane
Concen: 63.277 ug/l
RT: 2.750 min Scan# 141
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

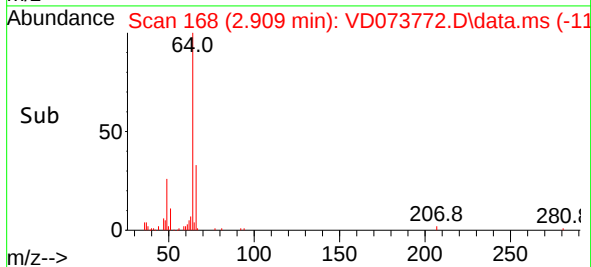
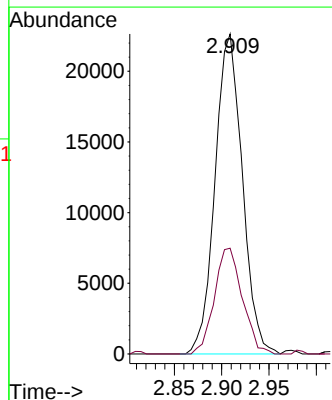
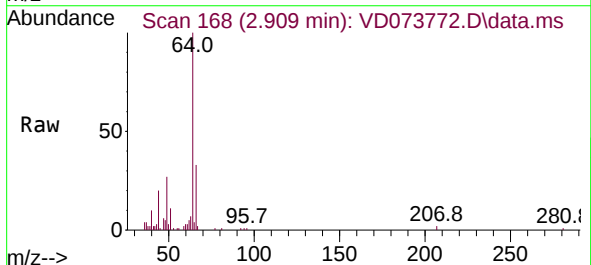
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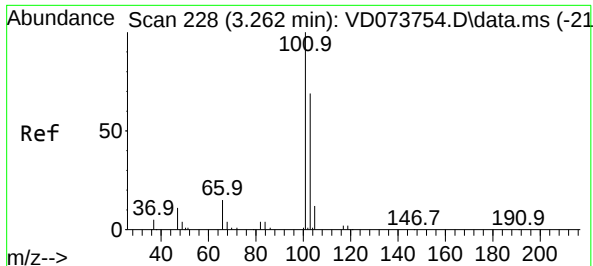
Tgt Ion: 94 Resp: 41163
Ion Ratio Lower Upper
94 100
96 97.7 75.1 112.7



#6
Chloroethane
Concen: 56.122 ug/l
RT: 2.909 min Scan# 168
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 64 Resp: 45355
Ion Ratio Lower Upper
64 100
66 33.1 23.3 34.9

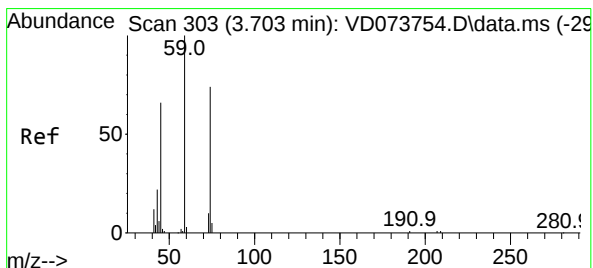
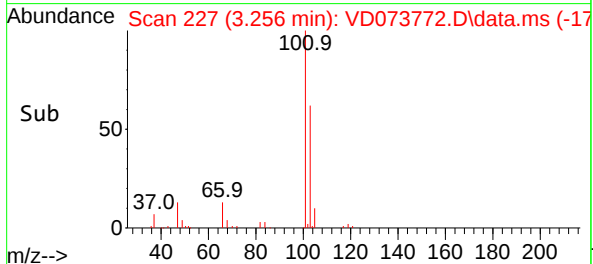
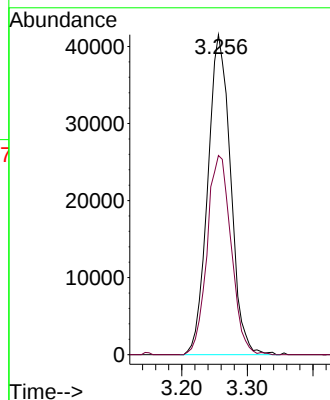
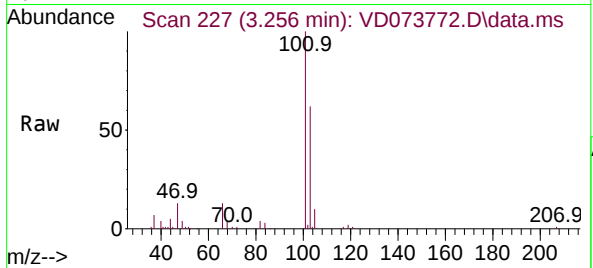




#7
Trichlorofluoromethane
Concen: 49.456 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

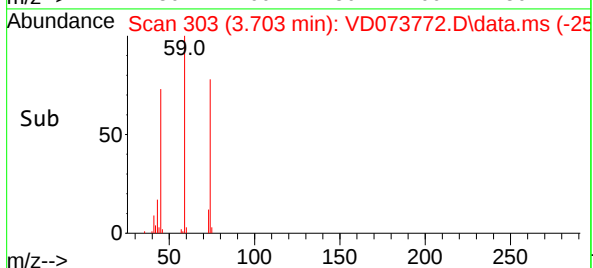
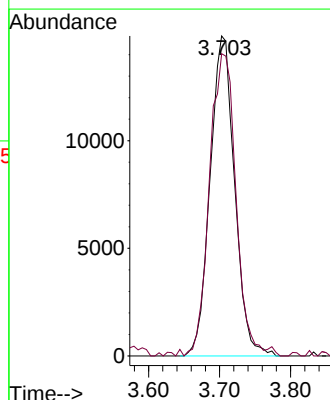
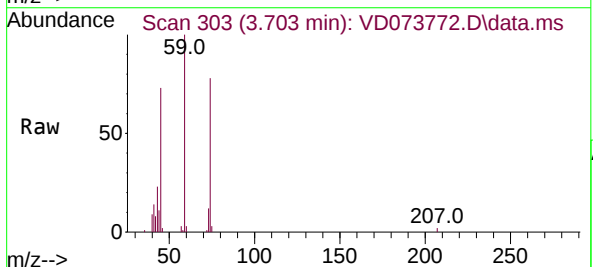
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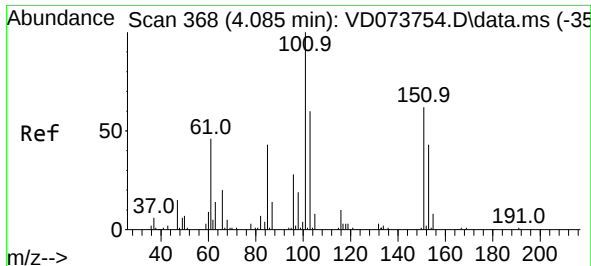
Tgt Ion:101 Resp: 100408
Ion Ratio Lower Upper
101 100
103 62.3 50.4 75.6



#8
Diethyl Ether
Concen: 52.568 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073772.D
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Tgt Ion: 74 Resp: 35693
Ion Ratio Lower Upper
74 100
45 101.9 45.0 134.8

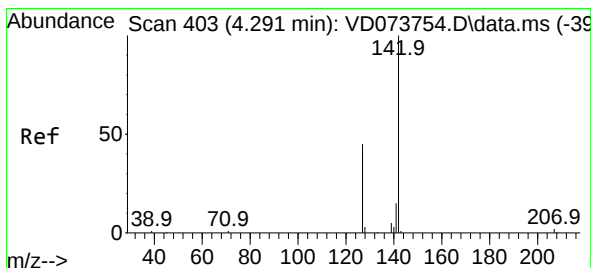
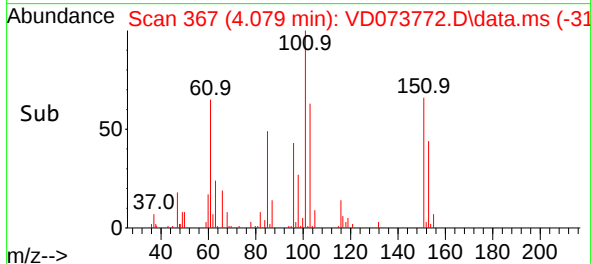
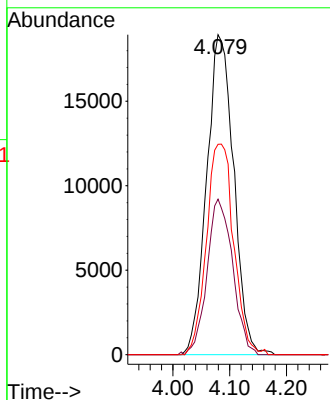
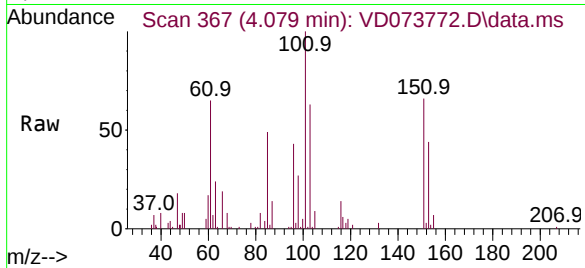




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.312 ug/l
 RT: 4.079 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

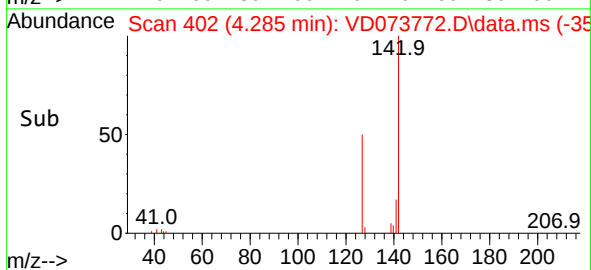
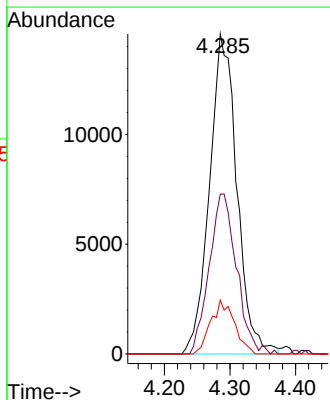
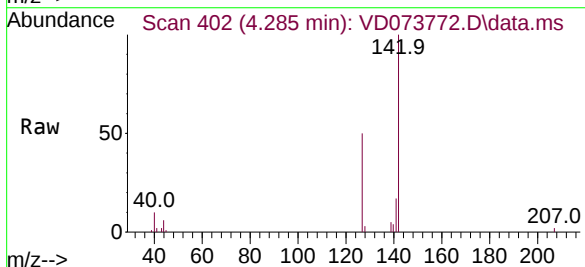
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

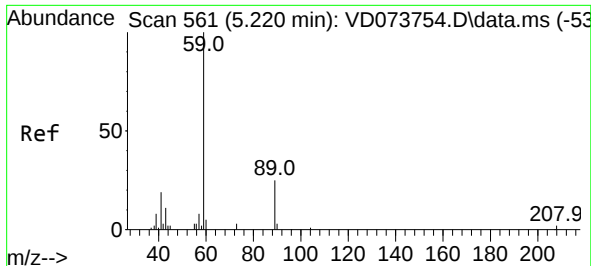
Tgt Ion:101 Resp: 62345
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.8 52.2
 151 66.6 63.4 95.0



#10
 Methyl Iodide
 Concen: 44.125 ug/l
 RT: 4.285 min Scan# 402
 Delta R.T. -0.006 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

Tgt Ion:142 Resp: 42199
 Ion Ratio Lower Upper
 142 100
 127 50.1 39.4 59.2
 141 14.6 11.9 17.9

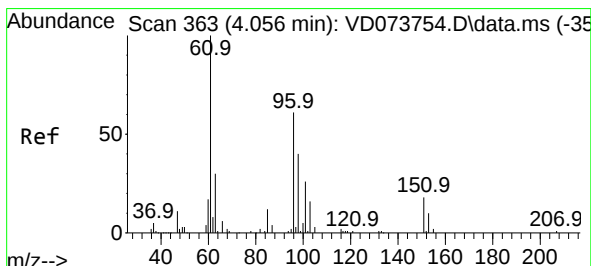
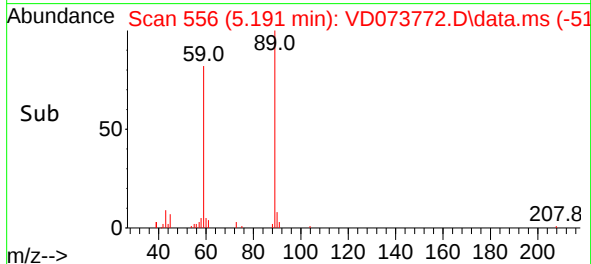
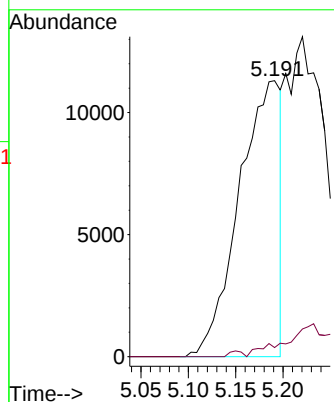
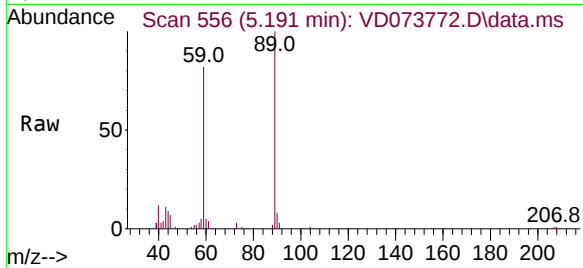




#11
Tert butyl alcohol
Concen: 100.727 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.029 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

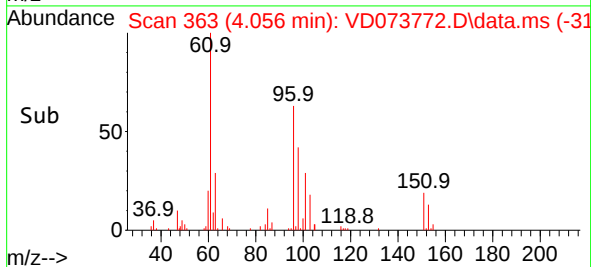
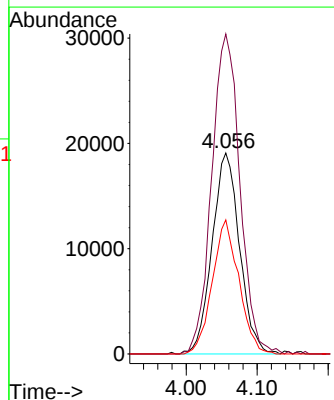
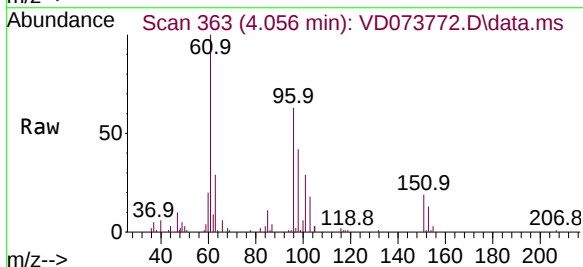
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

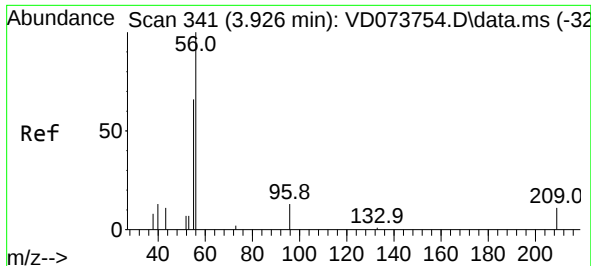
Tgt Ion: 59 Resp: 34403
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 44.407 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 96 Resp: 51240
Ion Ratio Lower Upper
96 100
61 159.2 116.3 174.5
98 66.7 48.7 73.1

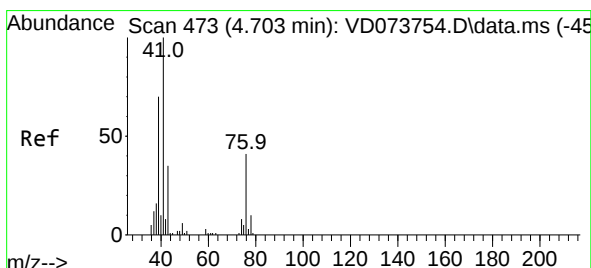
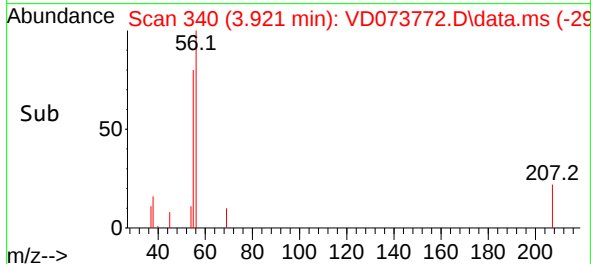
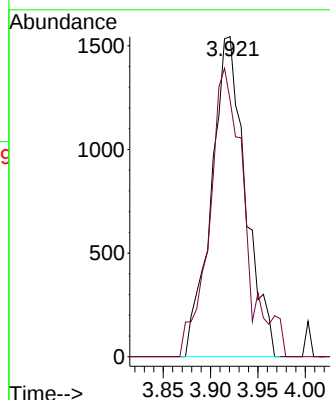
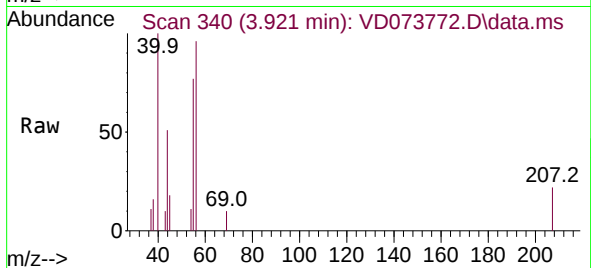




#13
Acrolein
Concen: 121.695 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.005 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

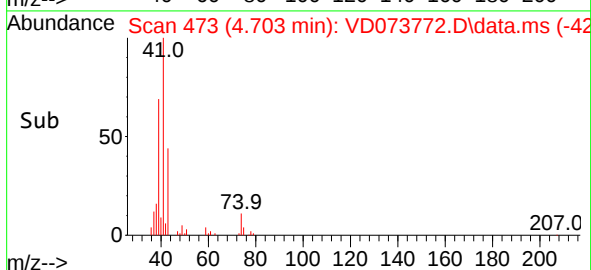
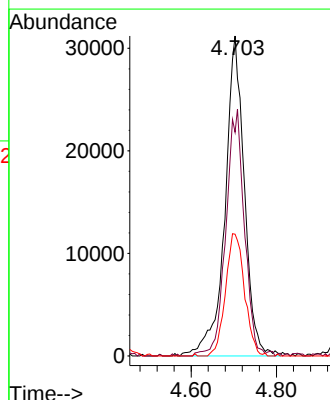
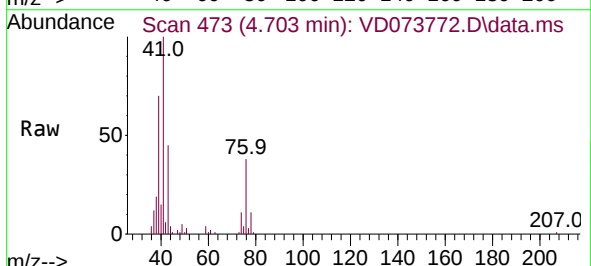
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

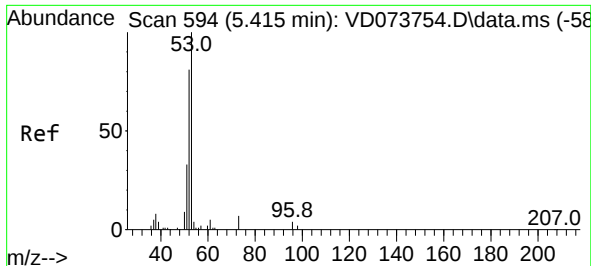
Tgt Ion: 56 Resp: 3876
Ion Ratio Lower Upper
56 100
55 93.2 60.3 90.5#



#14
Allyl chloride
Concen: 49.638 ug/l
RT: 4.703 min Scan# 473
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 41 Resp: 98772
Ion Ratio Lower Upper
41 100
39 73.3 56.6 85.0
76 37.4 32.7 49.1

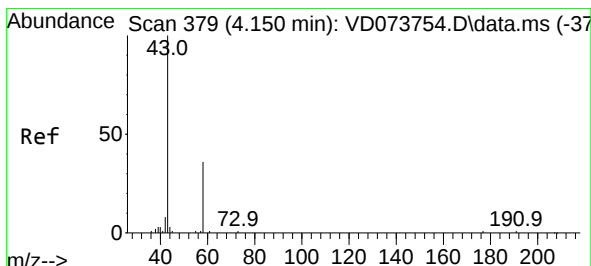
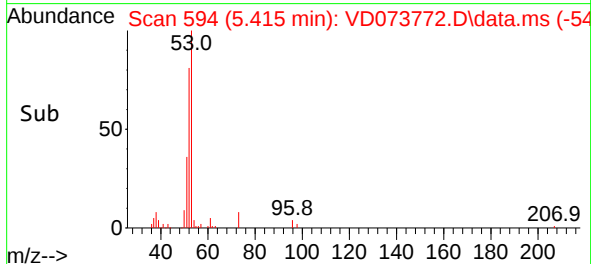
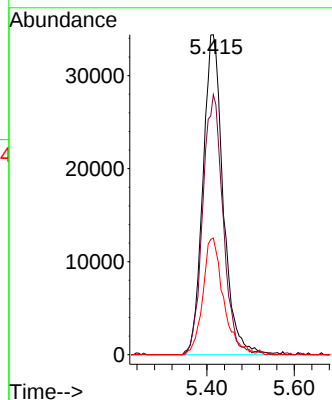
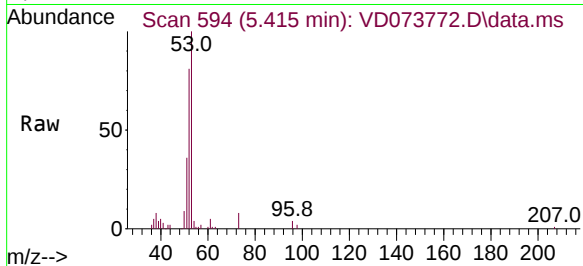




#15
Acrylonitrile
Concen: 300.080 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

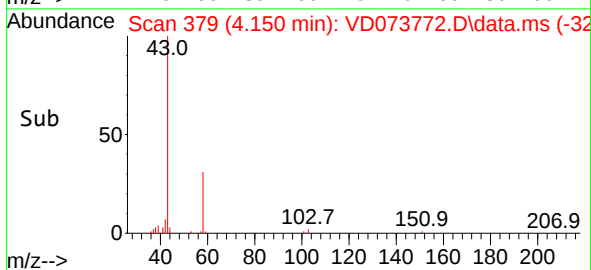
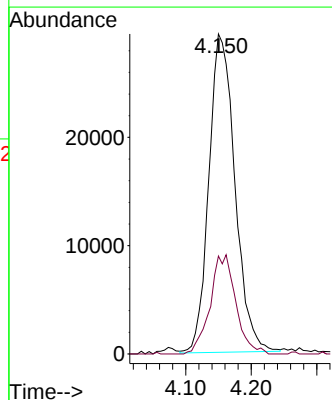
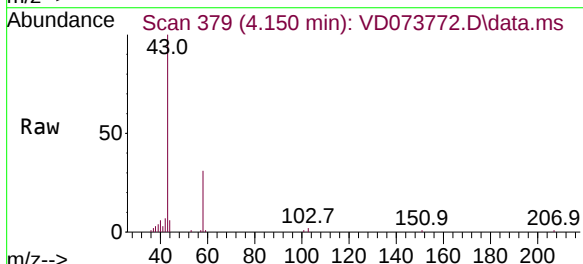
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

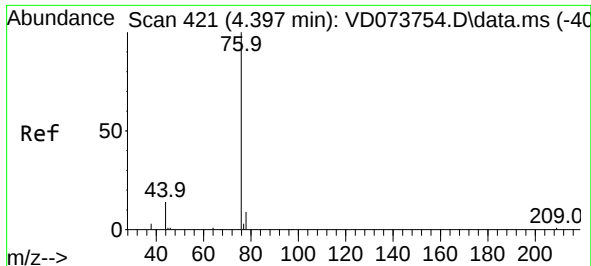
Tgt Ion: 53 Resp: 110953
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 37.1 30.2 45.2



#16
Acetone
Concen: 281.277 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 43 Resp: 81154
Ion Ratio Lower Upper
43 100
58 30.9 25.2 37.8

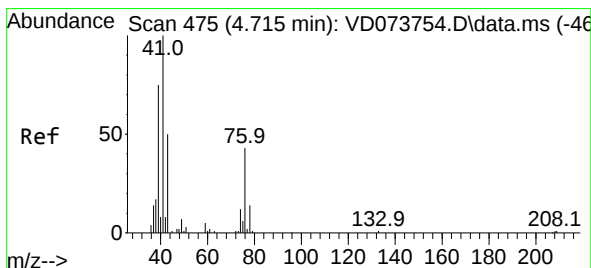
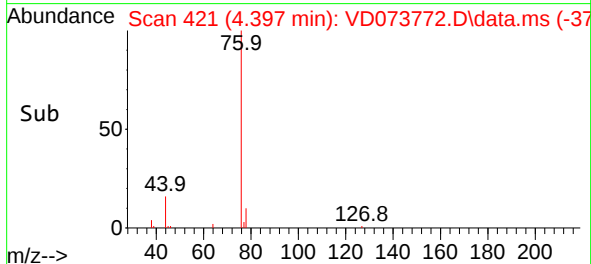
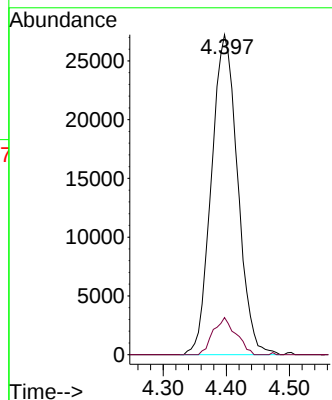
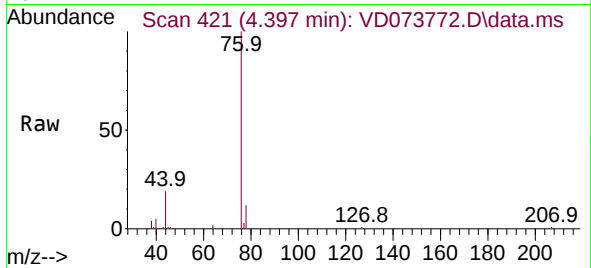




#17
Carbon Disulfide
Concen: 42.956 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

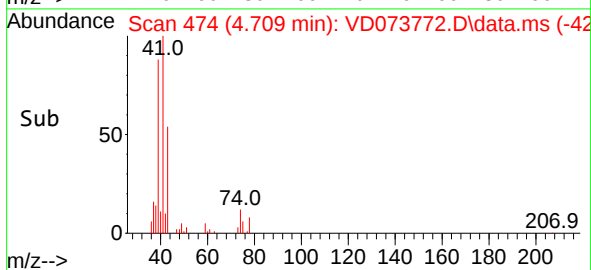
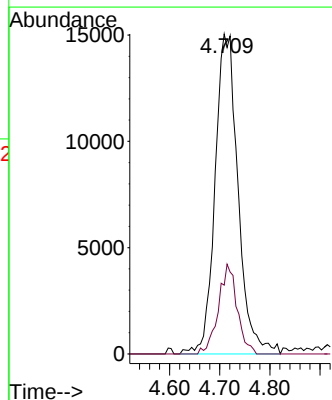
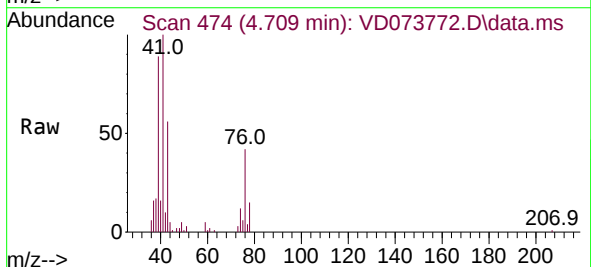
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

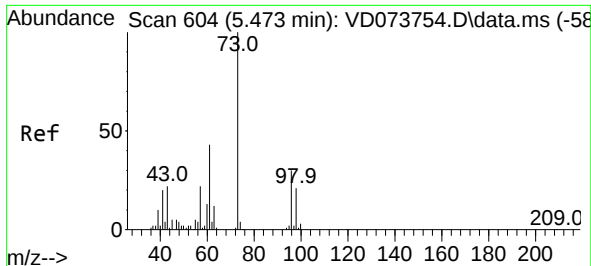
Tgt Ion: 76 Resp: 78560
Ion Ratio Lower Upper
76 100
78 11.6 7.7 11.5#



#18
Methyl Acetate
Concen: 55.692 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 43 Resp: 47939
Ion Ratio Lower Upper
43 100
74 22.8 20.2 30.4

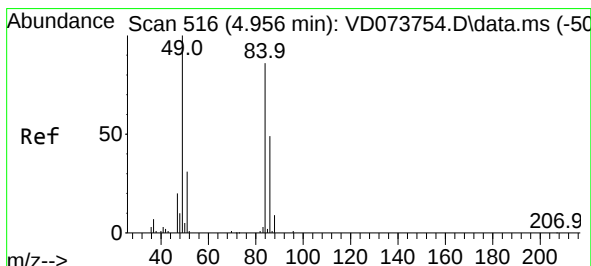
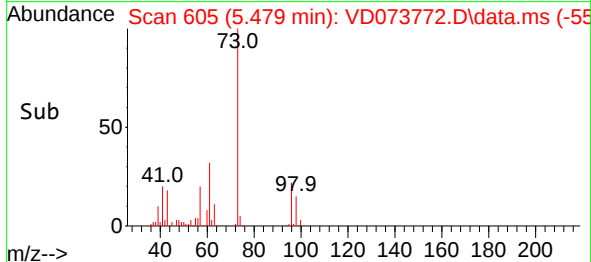
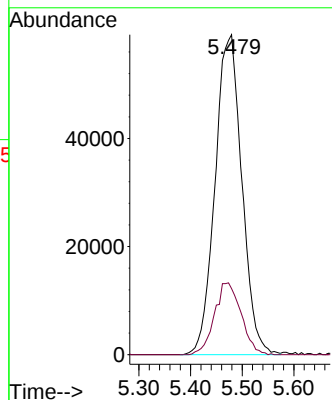
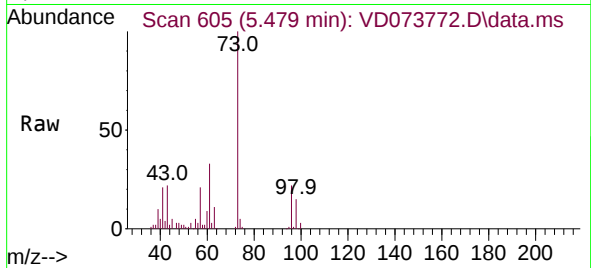




#19
Methyl tert-butyl Ether
Concen: 56.786 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

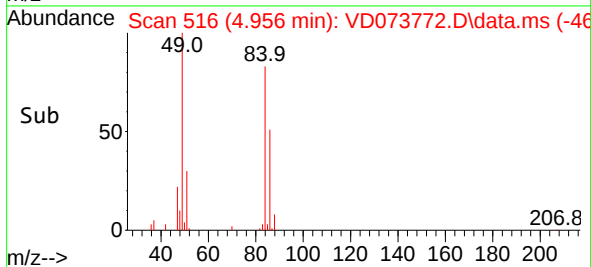
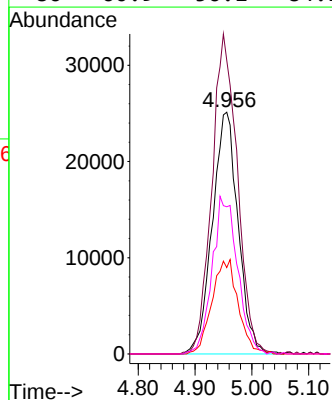
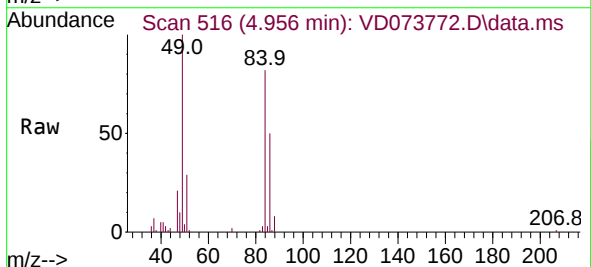
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

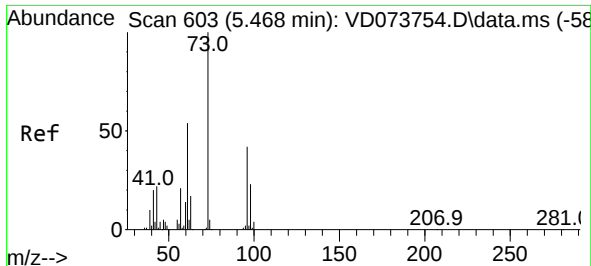
Tgt Ion: 73 Resp: 212966
Ion Ratio Lower Upper
73 100
57 20.7 16.3 24.5



#20
Methylene Chloride
Concen: 53.091 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 84 Resp: 78974
Ion Ratio Lower Upper
84 100
49 121.5 100.6 150.8
51 35.7 29.8 44.6
86 60.9 56.1 84.1

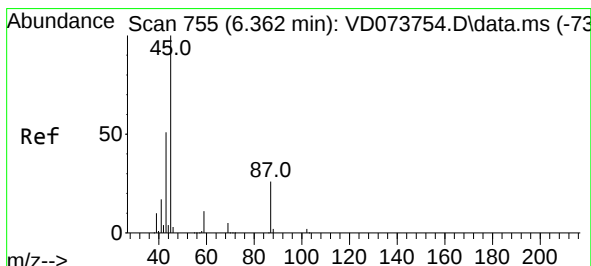
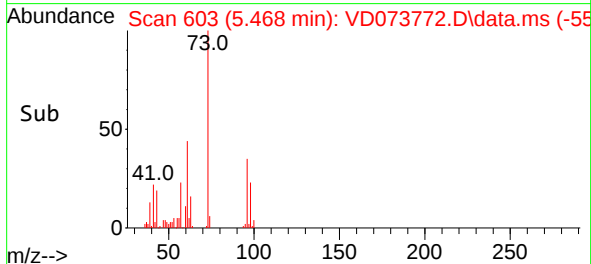
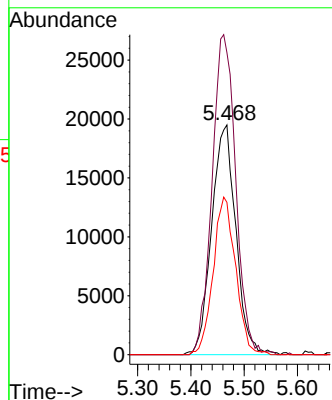
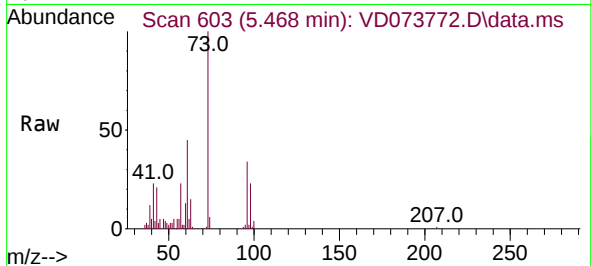




#21
trans-1,2-Dichloroethene
Concen: 47.146 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

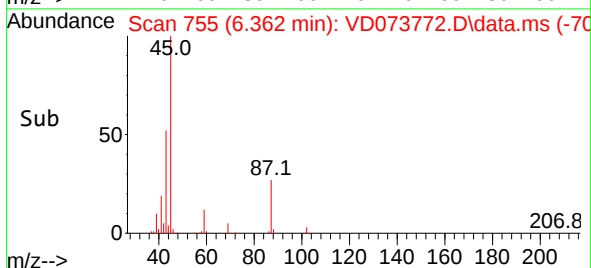
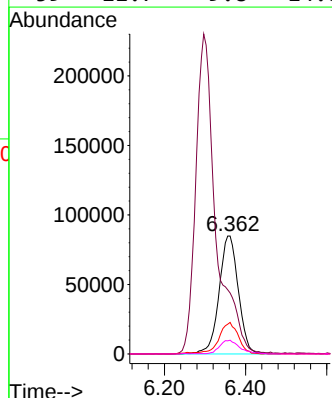
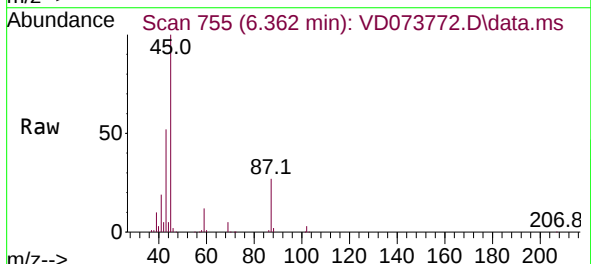
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

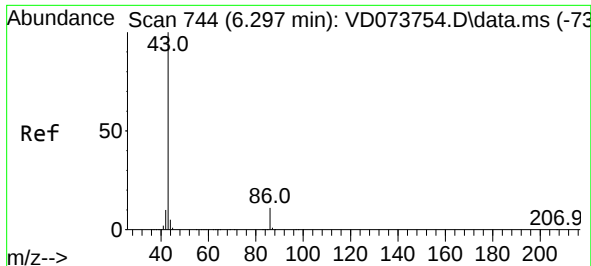
Tgt Ion: 96 Resp: 61610
Ion Ratio Lower Upper
96 100
61 131.5 105.0 157.6
98 66.3 50.6 75.8



#22
Diisopropyl ether
Concen: 55.908 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 45 Resp: 280135
Ion Ratio Lower Upper
45 100
43 51.1 42.1 63.1
87 26.7 24.2 36.4
59 11.7 9.8 14.8

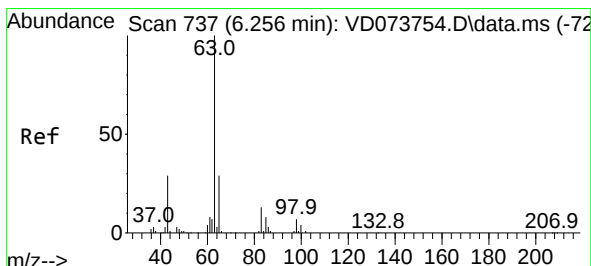
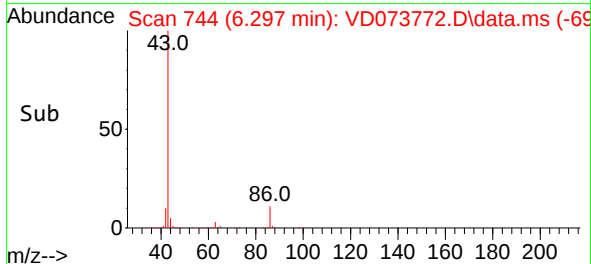
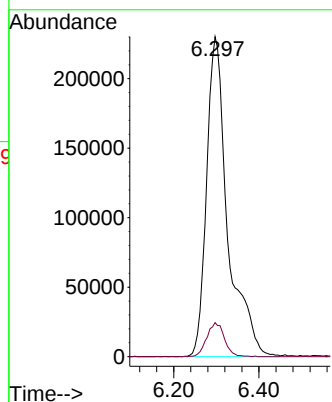
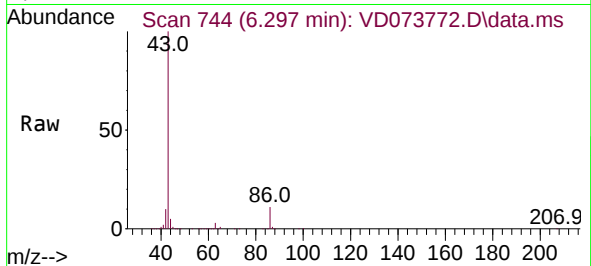




#23
 Vinyl Acetate
 Concen: 313.322 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

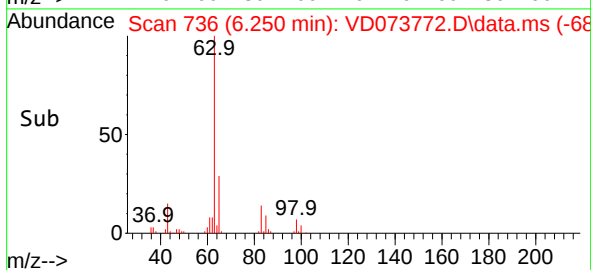
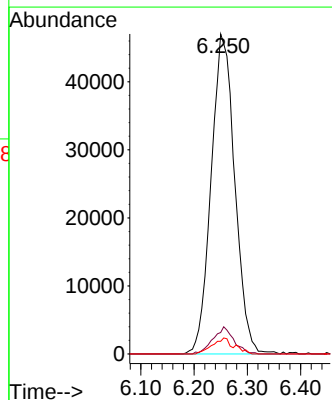
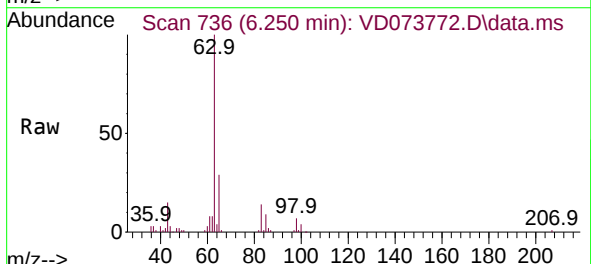
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

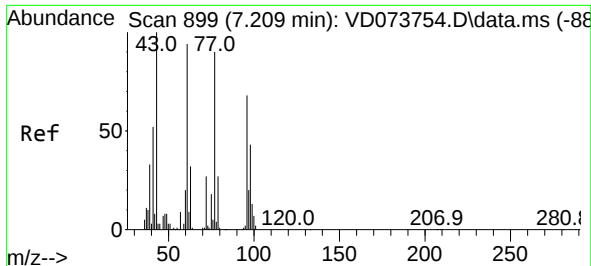
Tgt Ion: 43 Resp: 794175
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 51.806 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

Tgt Ion: 63 Resp: 145094
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.0 2.1 6.5

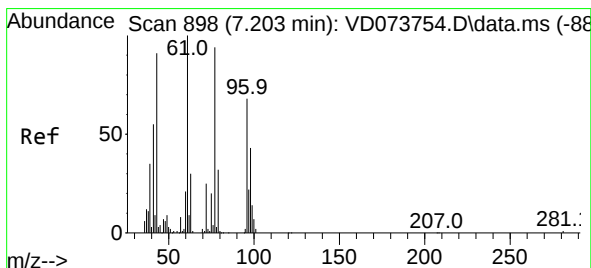
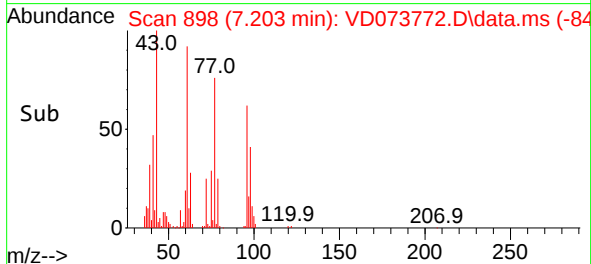
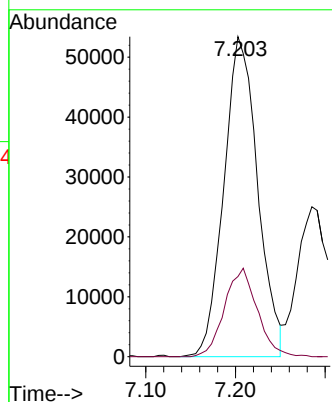
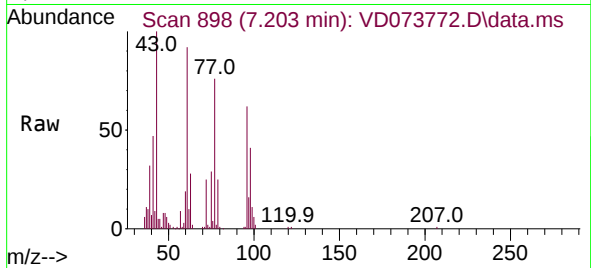




#25
2-Butanone
Concen: 294.681 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

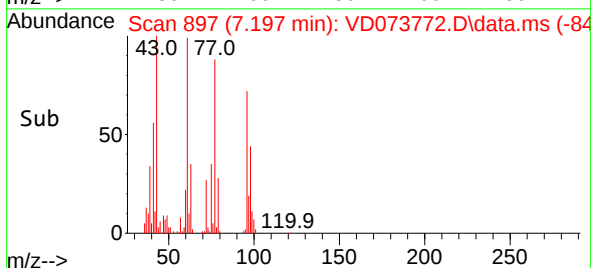
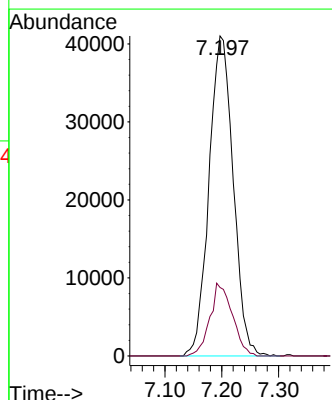
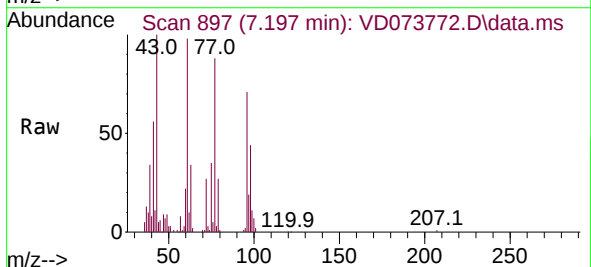
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

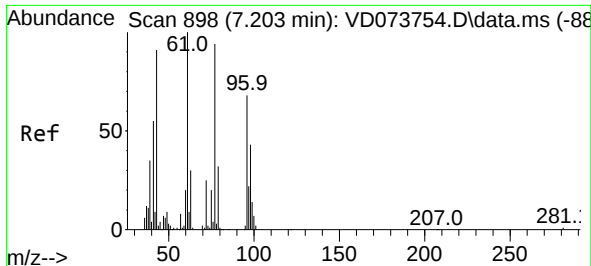
Tgt Ion: 43 Resp: 139625
Ion Ratio Lower Upper
43 100
72 25.0 22.6 33.8



#26
2,2-Dichloropropane
Concen: 46.783 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 77 Resp: 121076
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.339 ug/l

RT: 7.197 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

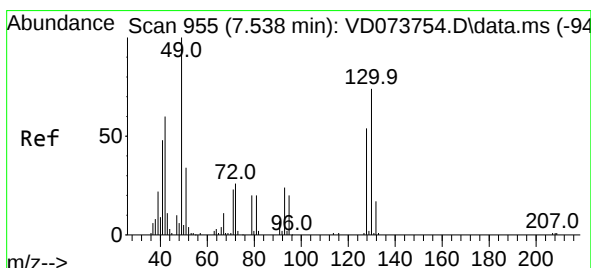
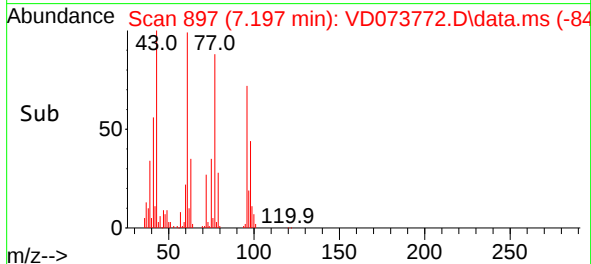
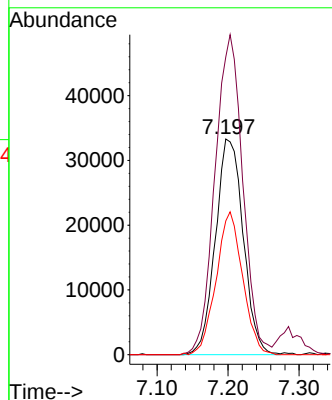
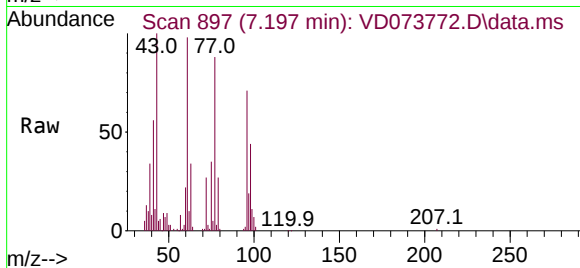
Tgt Ion: 96 Resp: 90479

Ion Ratio Lower Upper

96 100

61 148.6 0.0 276.0

98 63.1 0.0 128.0



#28

Bromochloromethane

Concen: 55.984 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

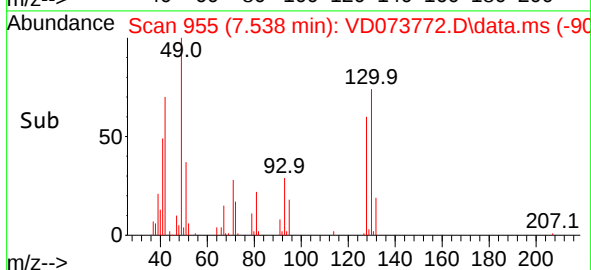
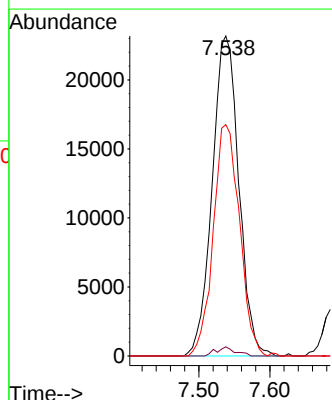
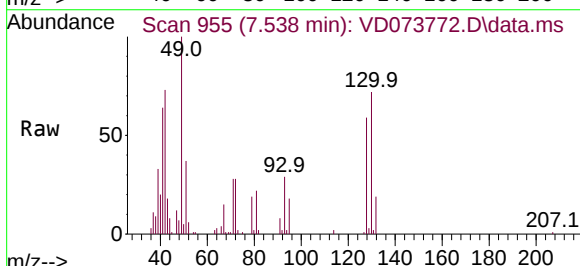
Tgt Ion: 49 Resp: 60285

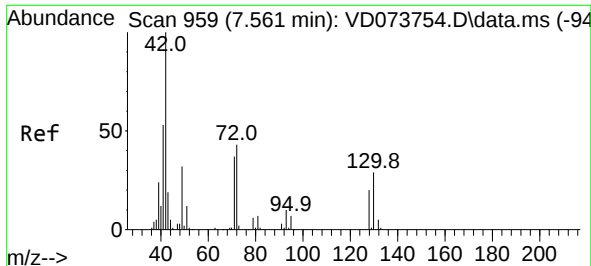
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.0

130 71.3 73.2 109.8#





#29

Tetrahydrofuran

Concen: 304.691 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

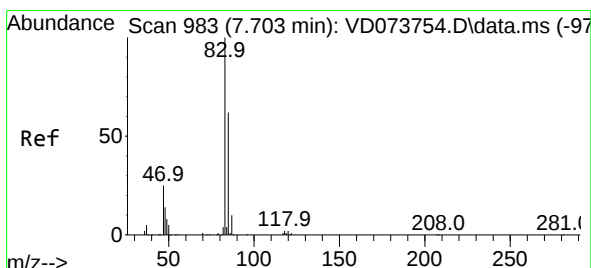
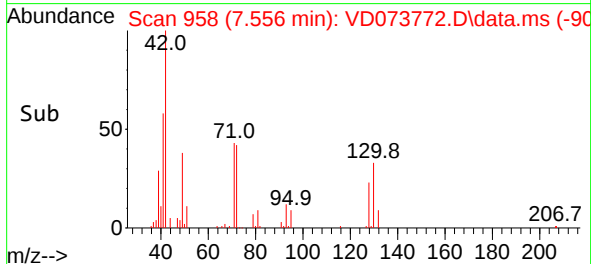
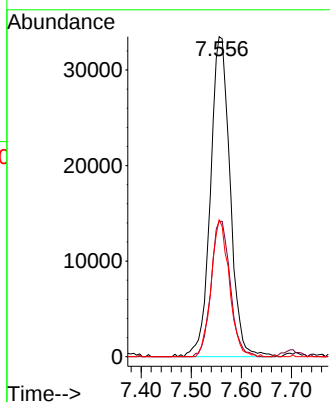
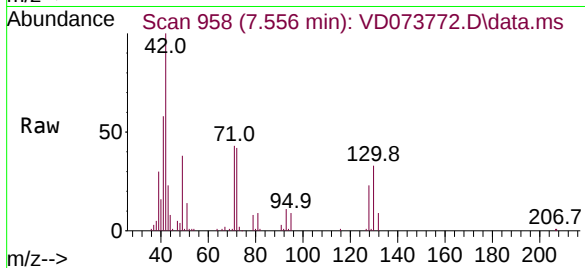
Tgt Ion: 42 Resp: 91254

Ion Ratio Lower Upper

42 100

72 41.2 37.8 56.6

71 39.3 35.5 53.3



#30

Chloroform

Concen: 55.281 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD073772.D

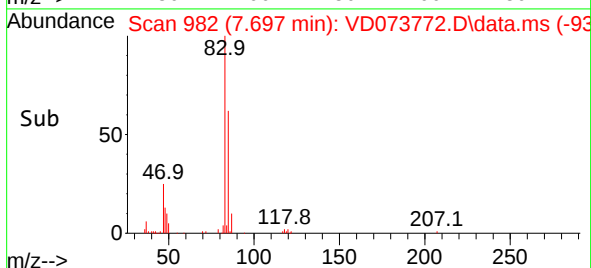
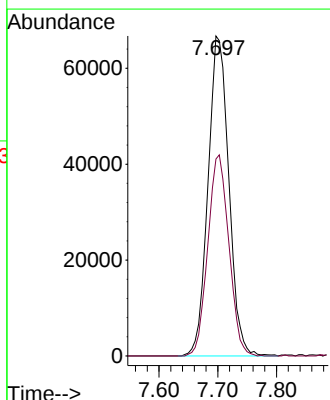
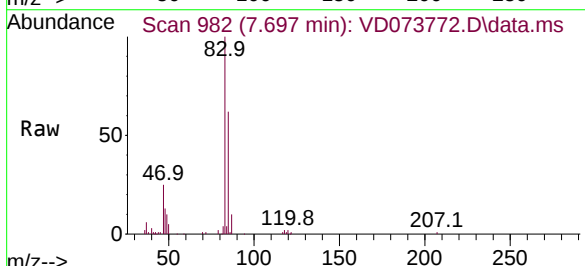
Acq: 01 Jul 2022 19:08

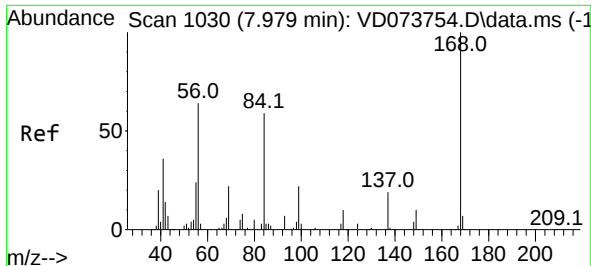
Tgt Ion: 83 Resp: 164142

Ion Ratio Lower Upper

83 100

85 61.6 51.1 76.7

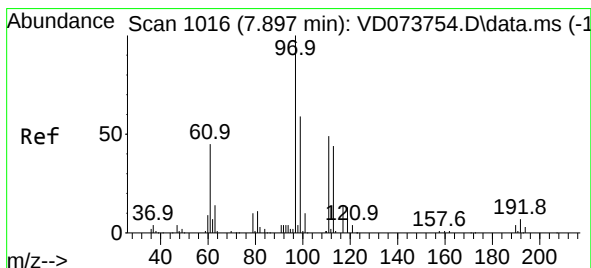
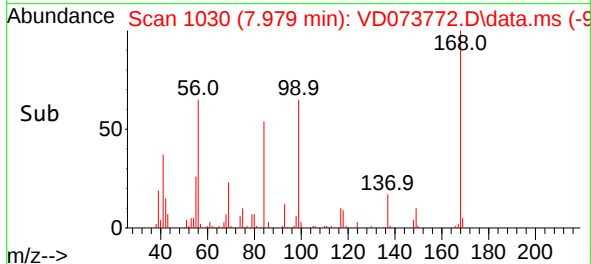
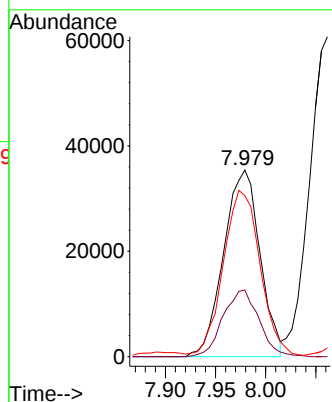
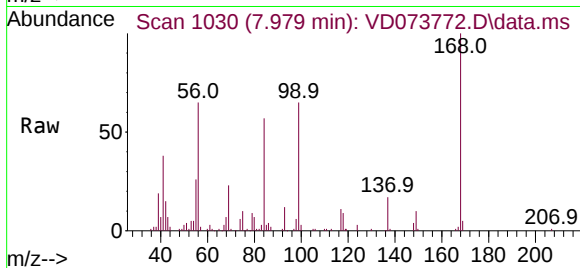




#31
Cyclohexane
Concen: 46.786 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

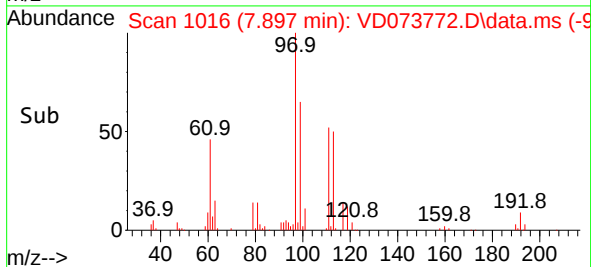
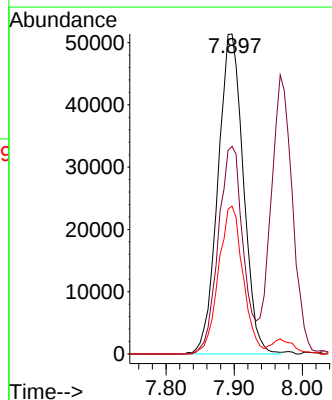
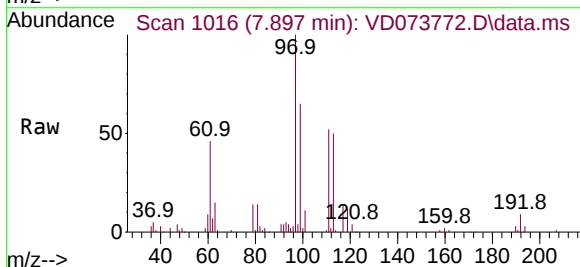
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

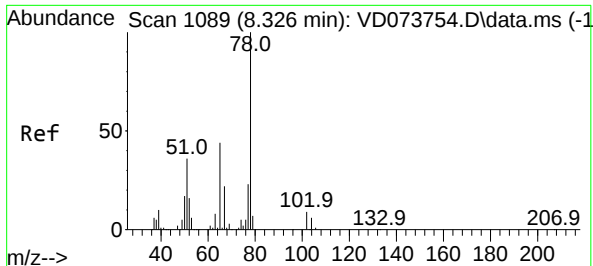
Tgt Ion: 56 Resp: 89289
Ion Ratio Lower Upper
56 100
69 35.8 25.2 37.8
84 84.4 75.4 113.2



#32
1,1,1-Trichloroethane
Concen: 51.163 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 97 Resp: 133228
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 44.6 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 53.382 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

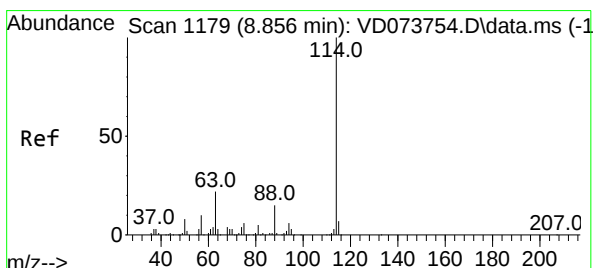
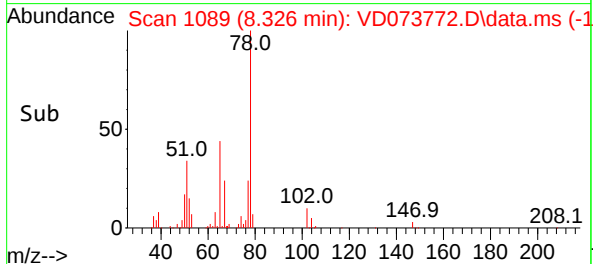
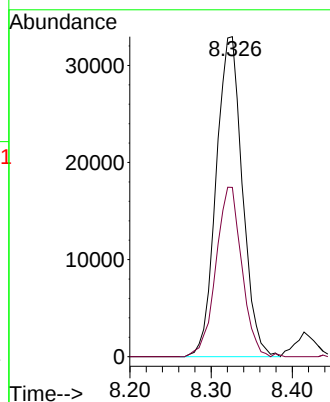
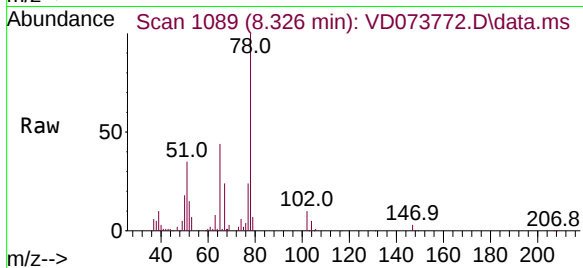
VSTDCCC050EC

Tgt Ion: 65 Resp: 74027

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

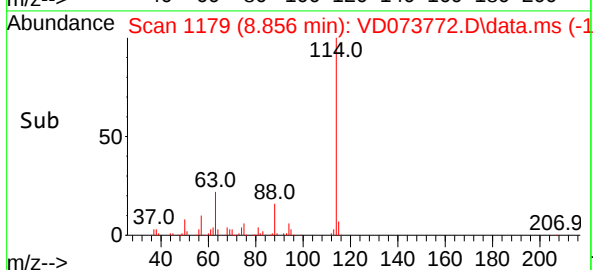
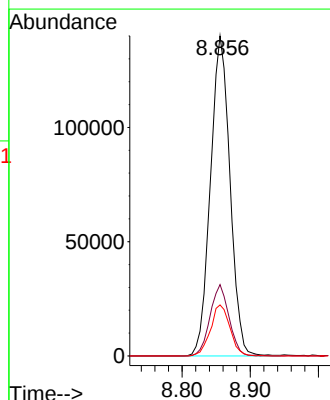
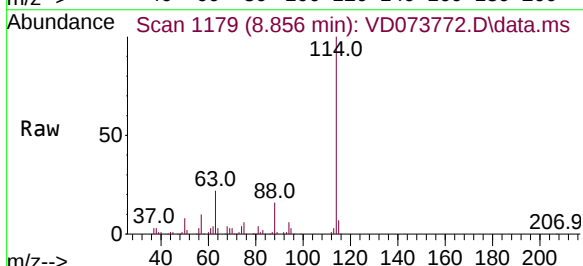
Tgt Ion: 114 Resp: 279808

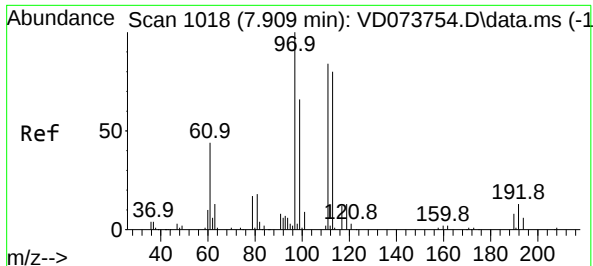
Ion Ratio Lower Upper

114 100

63 22.3 0.0 39.2

88 16.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.829 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

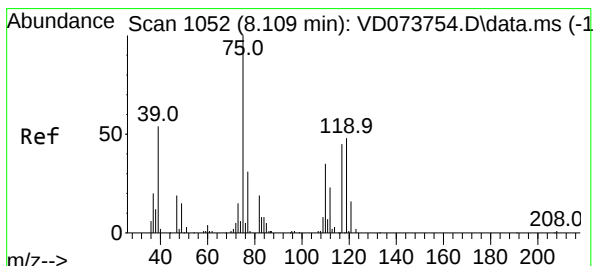
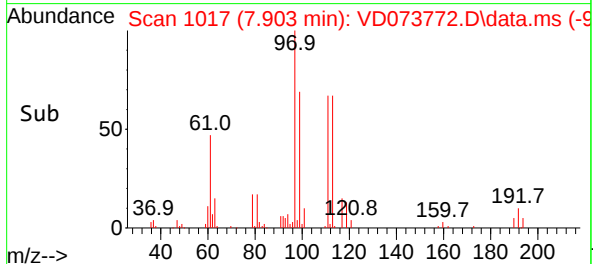
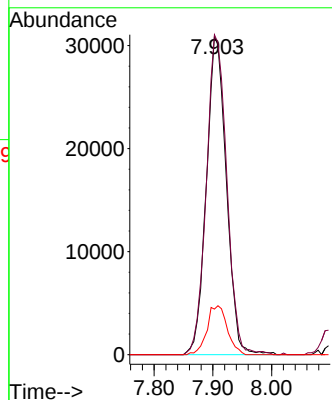
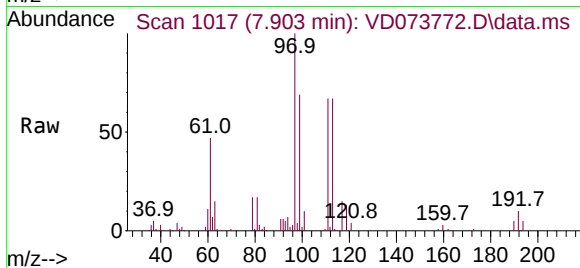
Tgt Ion:113 Resp: 72702

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 15.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 44.223 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

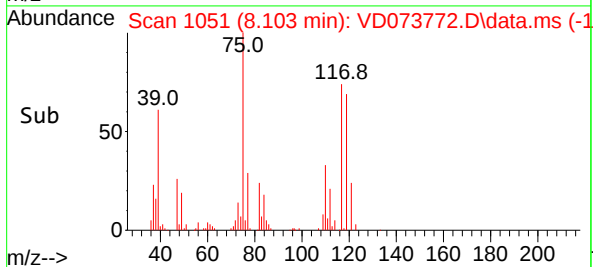
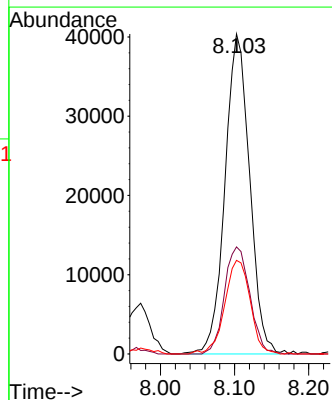
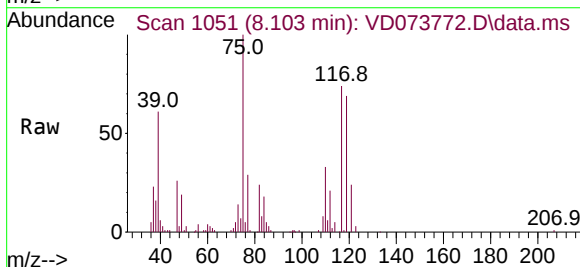
Tgt Ion: 75 Resp: 93333

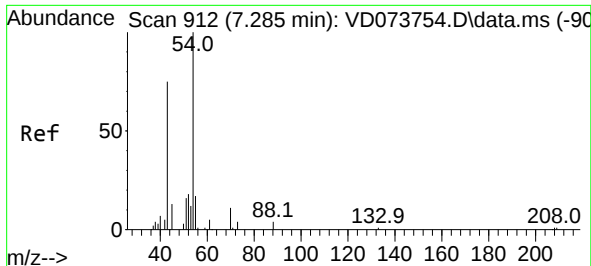
Ion Ratio Lower Upper

75 100

110 34.4 18.0 54.0

77 30.1 25.6 38.4





#37

Ethyl Acetate

Concen: 58.731 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

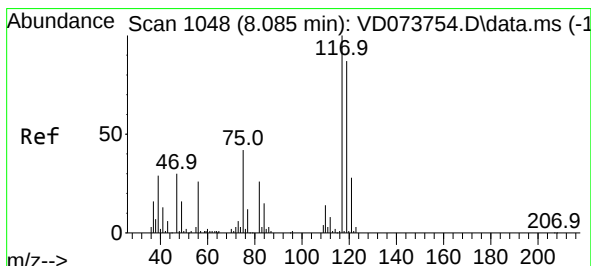
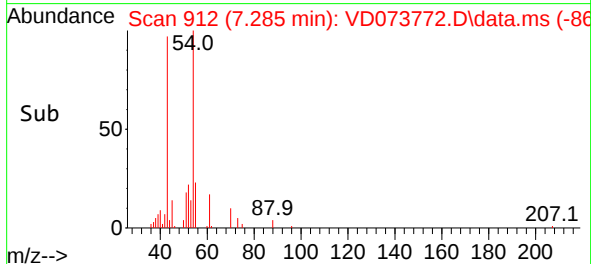
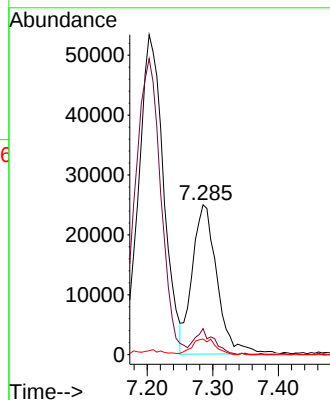
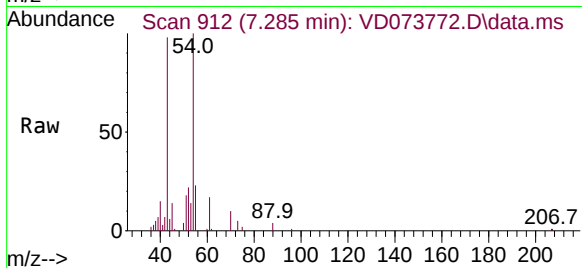
Tgt Ion: 43 Resp: 65343

Ion Ratio Lower Upper

43 100

61 13.4 10.6 16.0

70 9.9 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 46.624 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

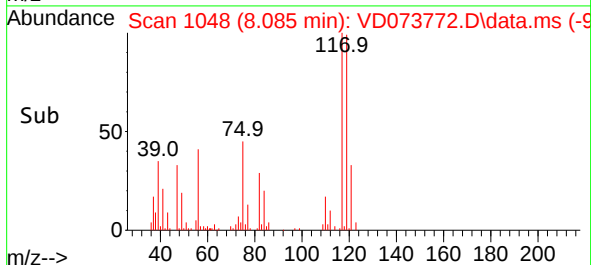
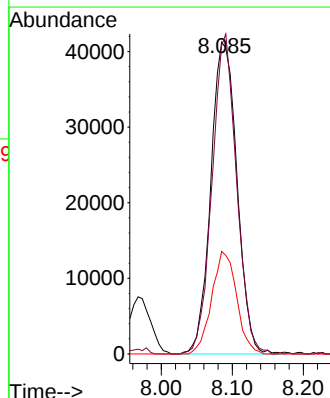
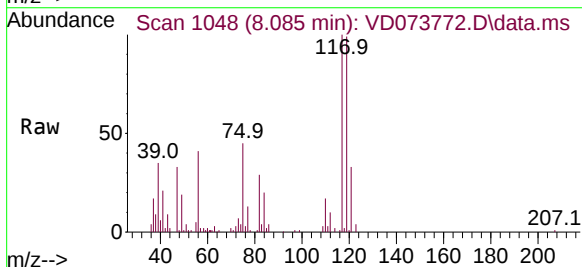
Tgt Ion: 117 Resp: 105651

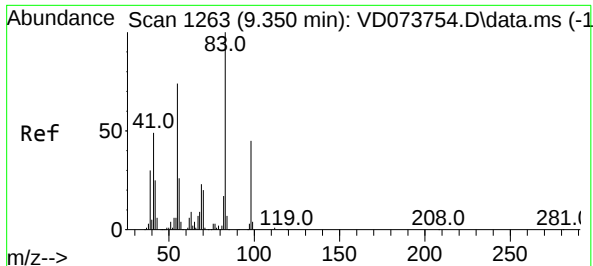
Ion Ratio Lower Upper

117 100

119 98.9 79.2 118.8

121 32.9 23.8 35.8





#39

Methylcyclohexane

Concen: 40.977 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

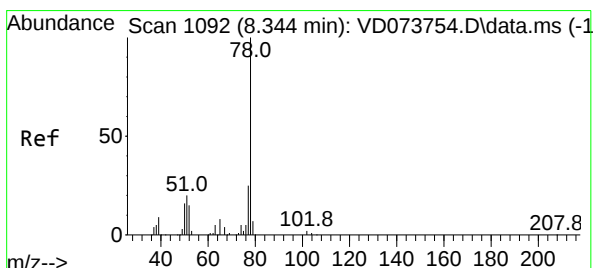
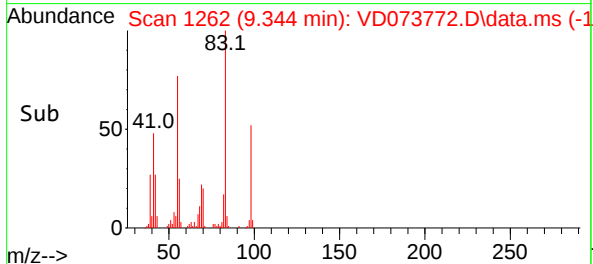
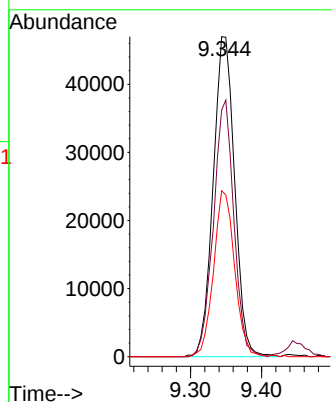
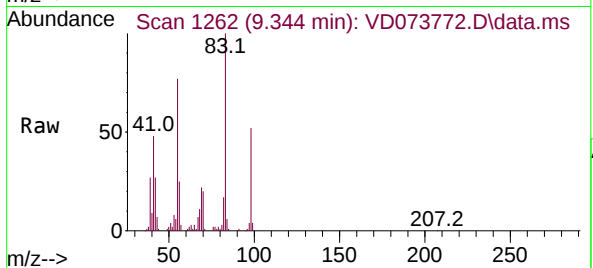
Tgt Ion: 83 Resp: 98494

Ion Ratio Lower Upper

83 100

55 77.1 59.0 88.4

98 51.9 38.3 57.5



#40

Benzene

Concen: 47.416 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073772.D

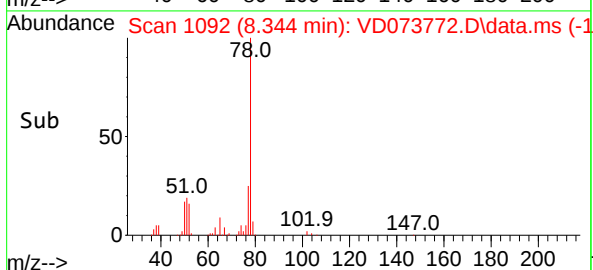
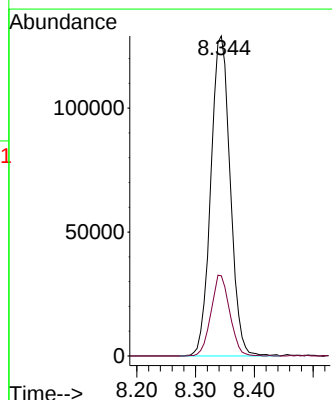
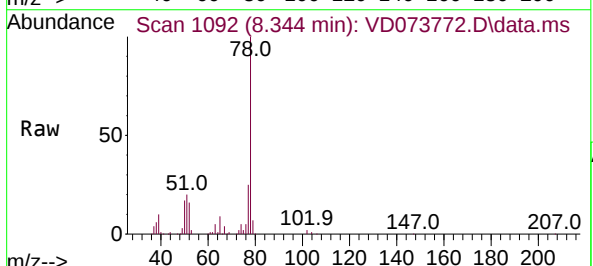
Acq: 01 Jul 2022 19:08

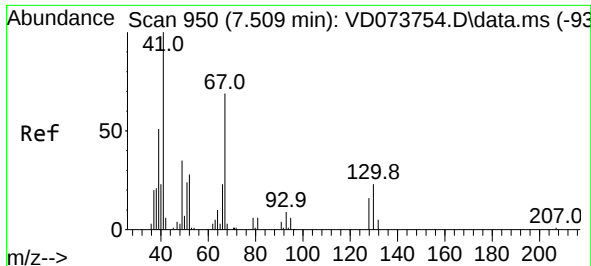
Tgt Ion: 78 Resp: 295587

Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.4

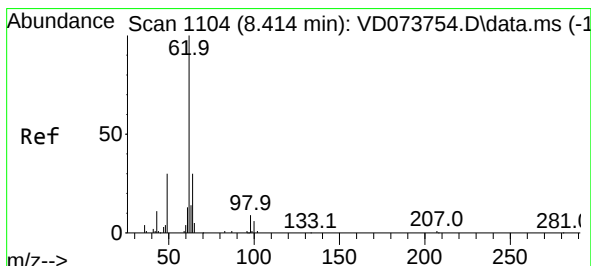
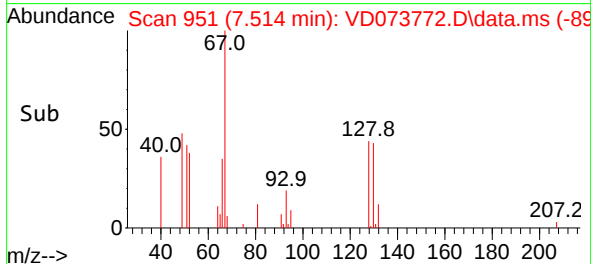
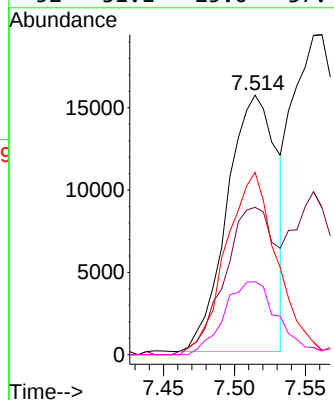
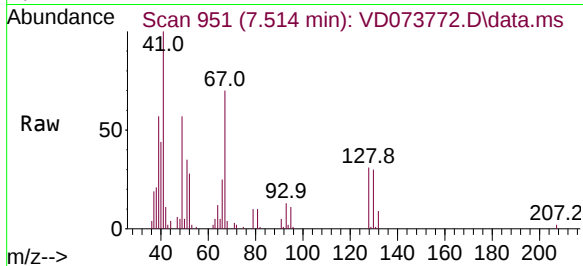




#41
Methacrylonitrile
Concen: 52.411 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

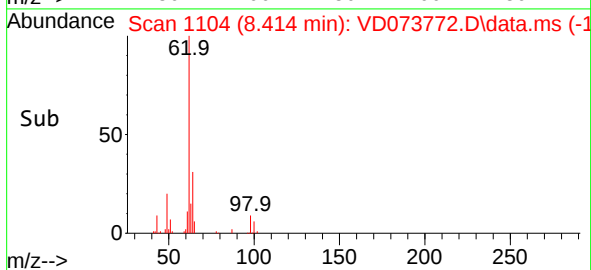
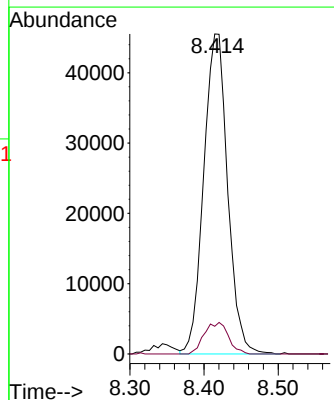
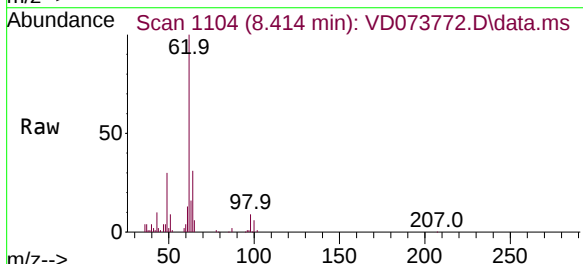
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

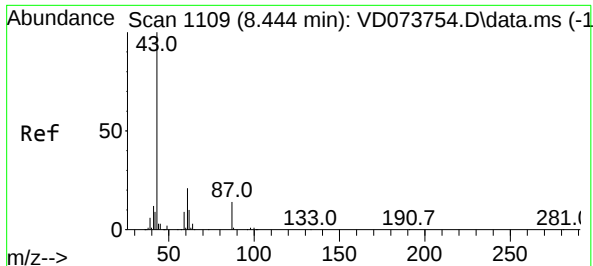
Tgt Ion:	41	Resp:	37801
Ion	Ratio	Lower	Upper
41	100		
39	59.5	42.1	63.1
67	73.9	58.6	87.8
52	31.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 54.396 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:	62	Resp:	102203
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6





#43

Isopropyl Acetate

Concen: 54.784 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

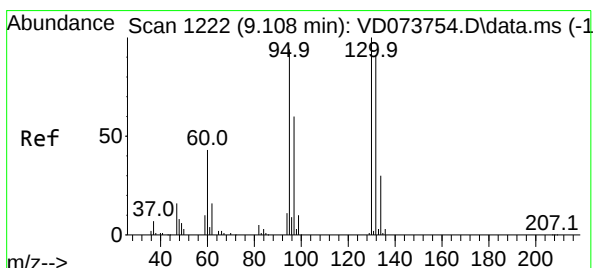
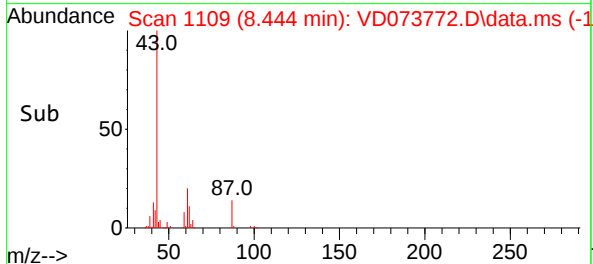
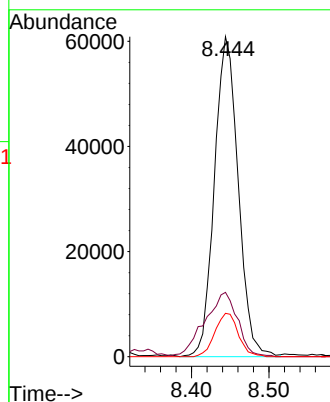
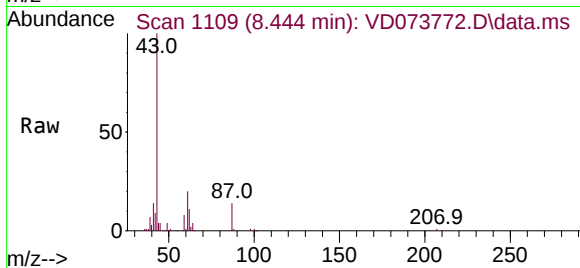
Tgt Ion: 43 Resp: 129955

Ion Ratio Lower Upper

43 100

61 27.7 25.4 38.0

87 13.3 11.9 17.9



#44

Trichloroethene

Concen: 45.620 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073772.D

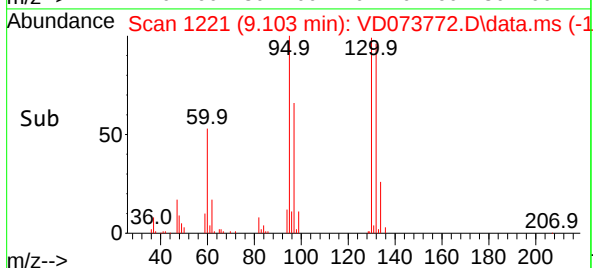
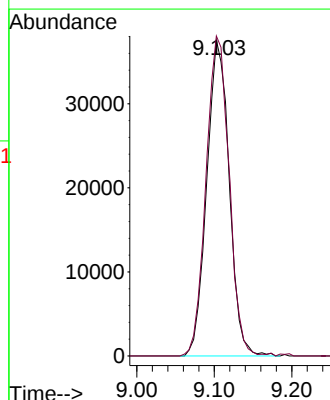
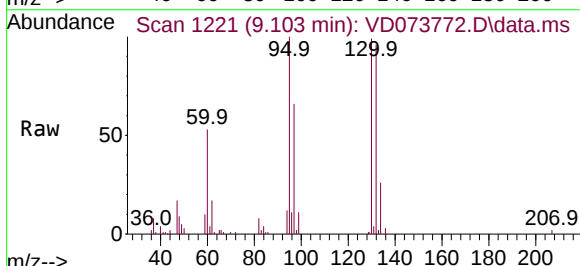
Acq: 01 Jul 2022 19:08

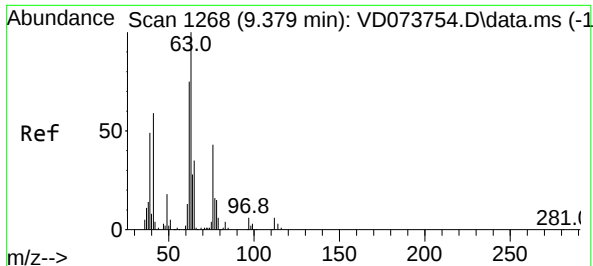
Tgt Ion: 130 Resp: 75552

Ion Ratio Lower Upper

130 100

95 101.3 0.0 202.8





#45

1,2-Dichloropropane

Concen: 50.563 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

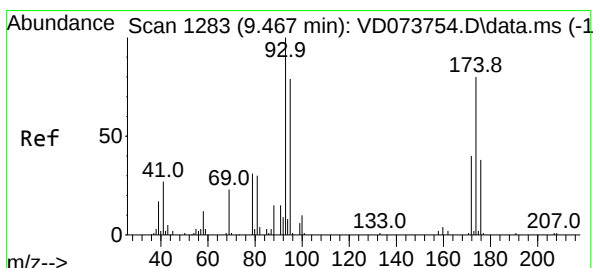
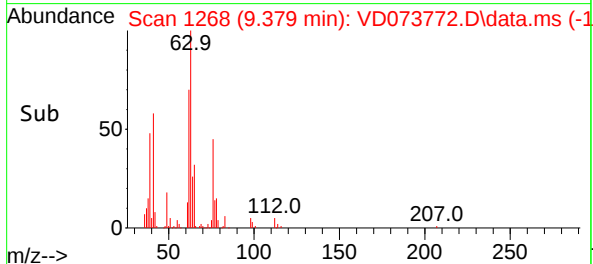
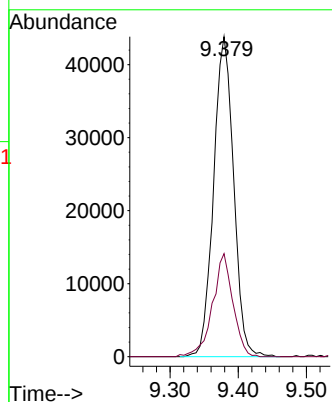
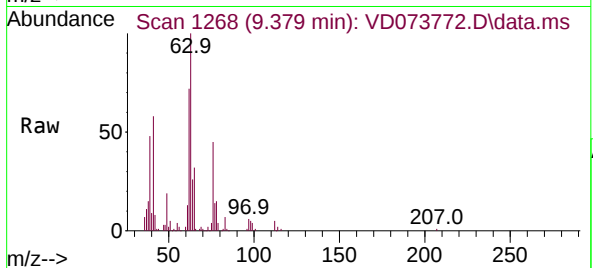
VSTDCCC050EC

Tgt Ion: 63 Resp: 89699

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3



#46

Dibromomethane

Concen: 53.483 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

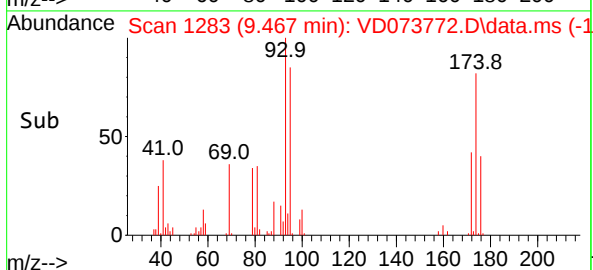
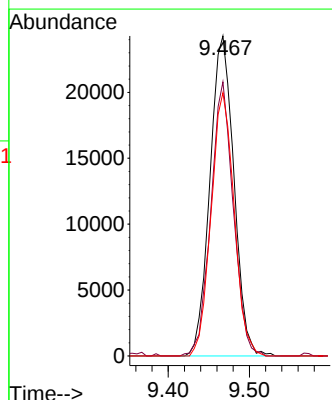
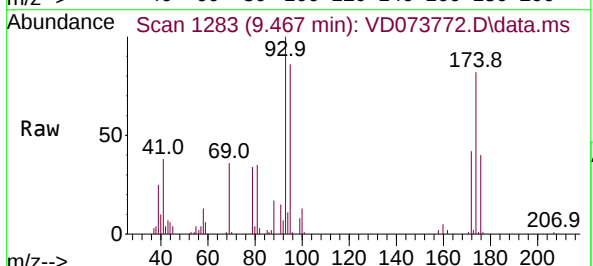
Tgt Ion: 93 Resp: 49790

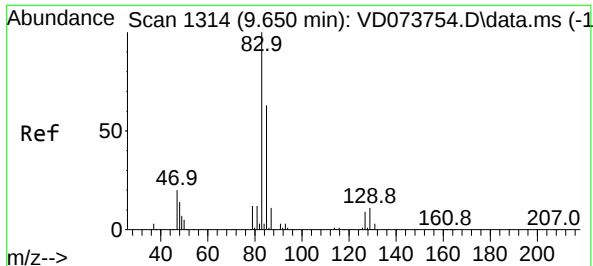
Ion Ratio Lower Upper

93 100

95 80.5 67.8 101.8

174 78.8 82.3 123.5





#47

Bromodichloromethane

Concen: 53.660 ug/l

RT: 9.650 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

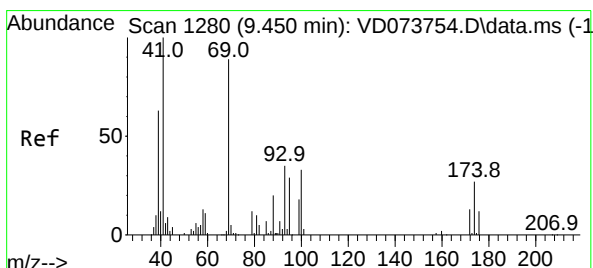
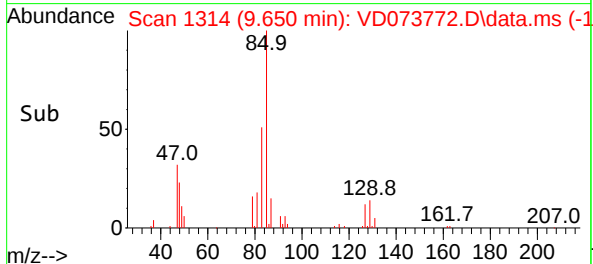
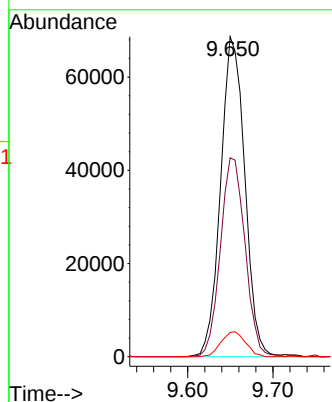
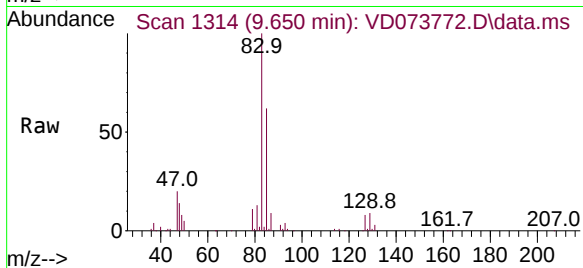
Tgt Ion: 83 Resp: 135148

Ion Ratio Lower Upper

83 100

85 62.1 54.5 81.7

127 7.5 7.7 11.5#



#48

Methyl methacrylate

Concen: 52.499 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

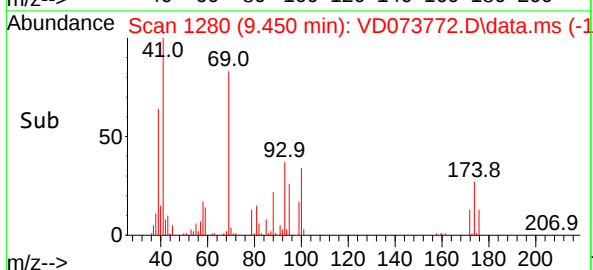
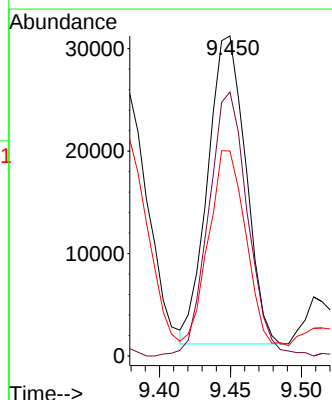
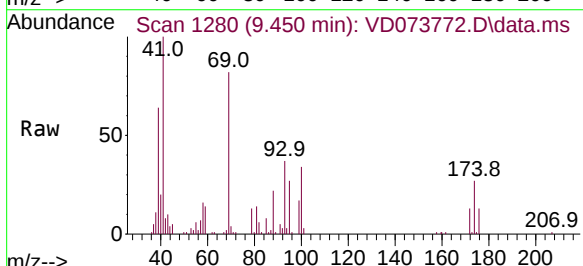
Tgt Ion: 41 Resp: 55869

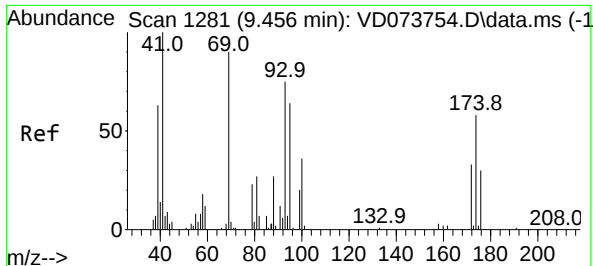
Ion Ratio Lower Upper

41 100

69 88.2 69.6 104.4

39 69.0 45.5 68.3#





#49

1,4-Dioxane

Concen: 1166.208 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

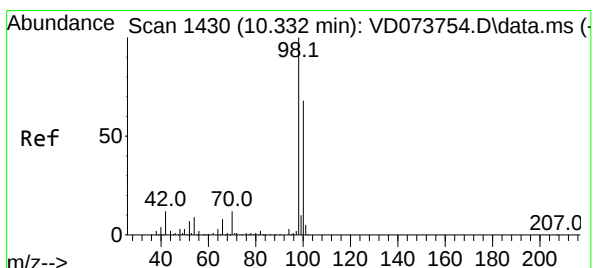
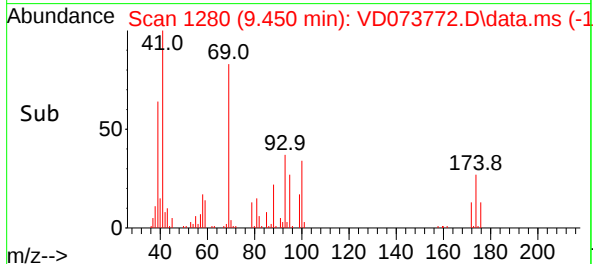
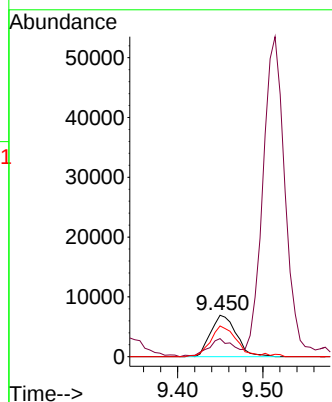
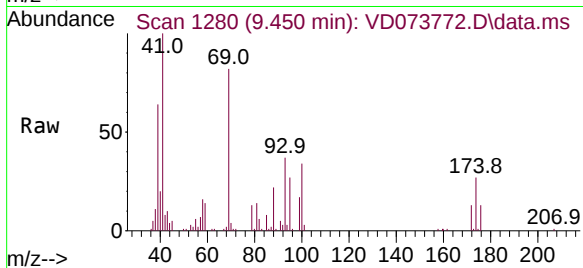
Tgt Ion: 88 Resp: 14592

Ion Ratio Lower Upper

88 100

43 41.4 24.5 36.7#

58 73.6 54.4 81.6



#50

Toluene-d8

Concen: 42.680 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073772.D

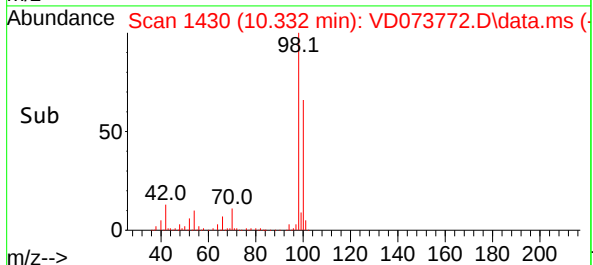
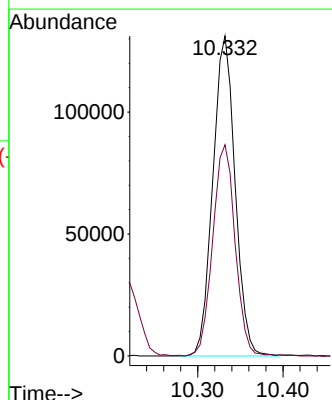
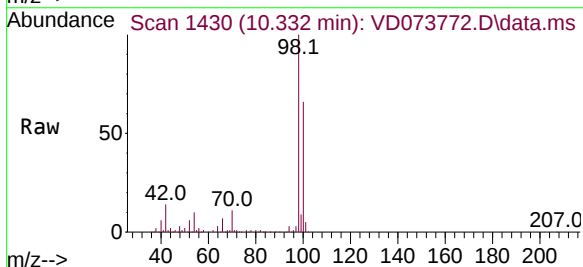
Acq: 01 Jul 2022 19:08

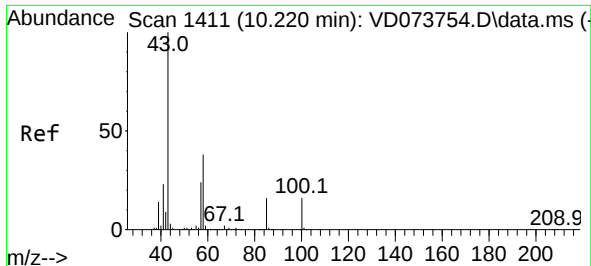
Tgt Ion: 98 Resp: 237974

Ion Ratio Lower Upper

98 100

100 66.5 54.0 81.0

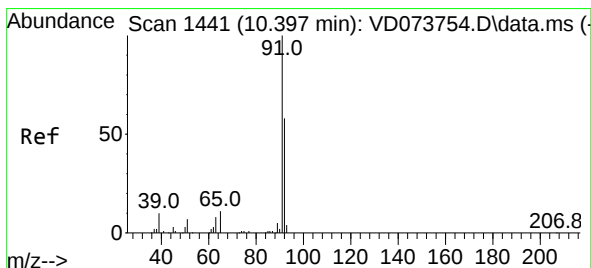
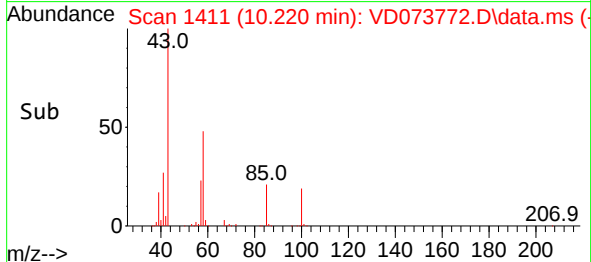
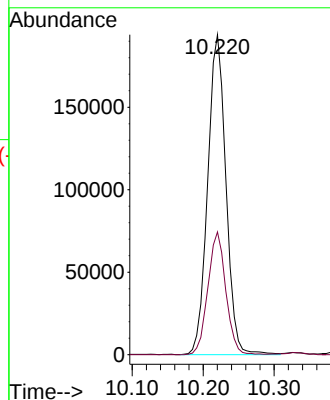
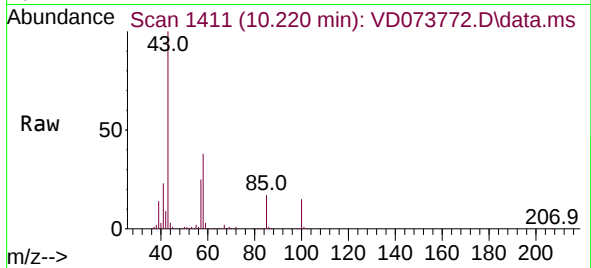




#51
4-Methyl-2-Pentanone
Concen: 287.148 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

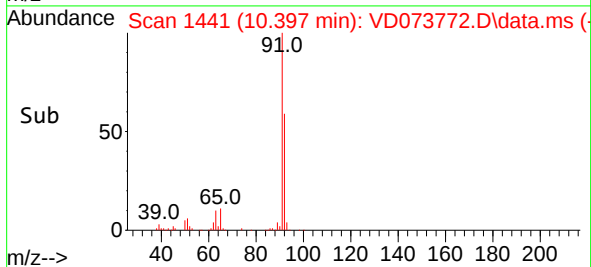
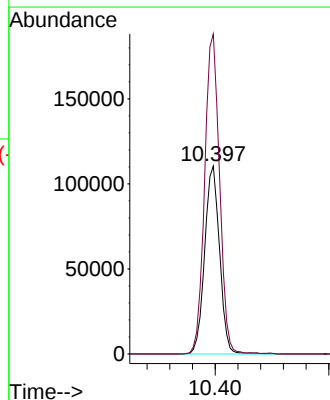
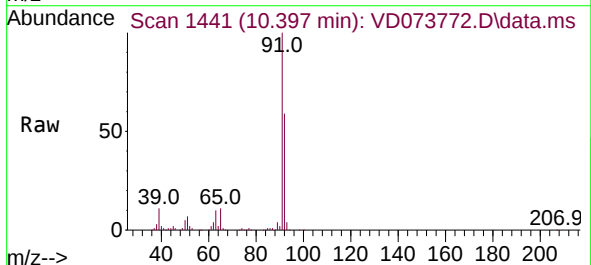
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

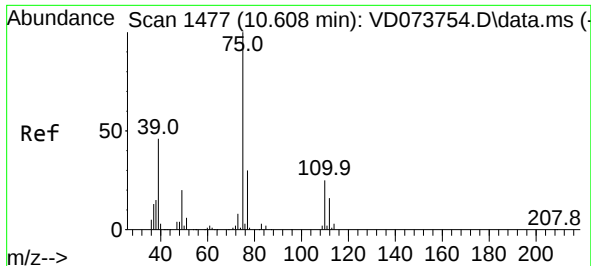
Tgt Ion: 43 Resp: 346722
Ion Ratio Lower Upper
43 100
58 37.6 32.3 48.5



#52
Toluene
Concen: 48.189 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 92 Resp: 200376
Ion Ratio Lower Upper
92 100
91 170.7 136.1 204.1

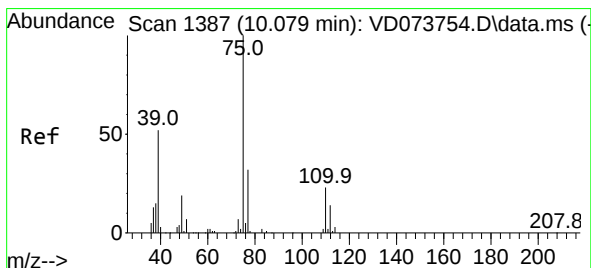
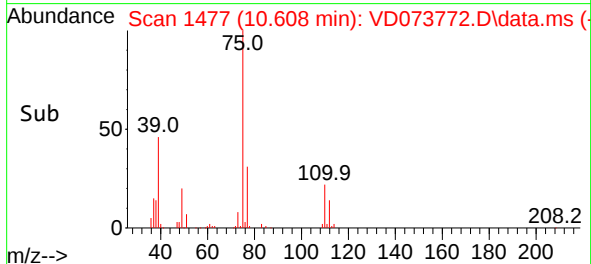
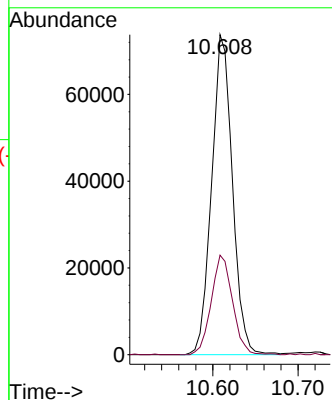
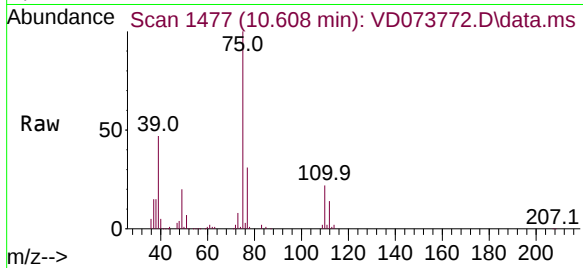




#53
t-1,3-Dichloropropene
Concen: 50.455 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

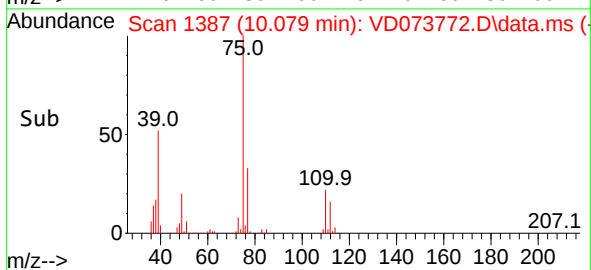
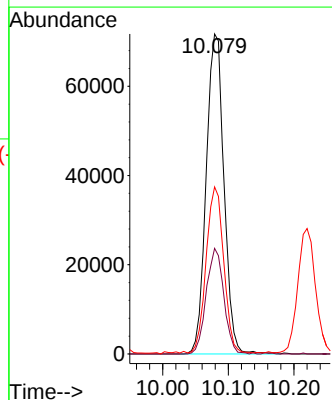
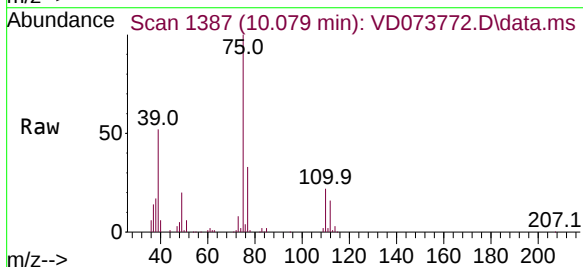
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

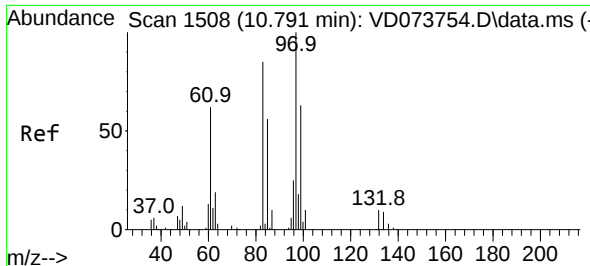
Tgt Ion: 75 Resp: 124853
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 48.321 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 75 Resp: 135358
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
39 51.9 38.0 57.0

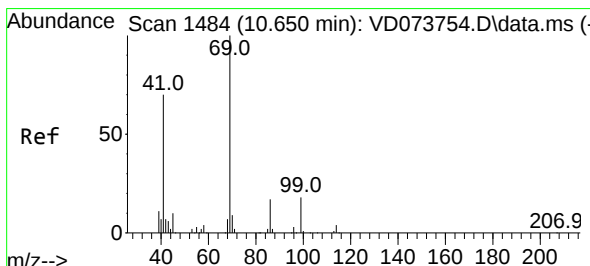
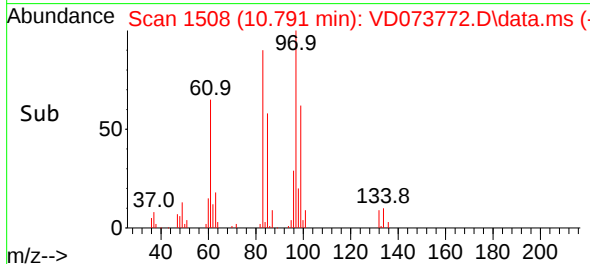
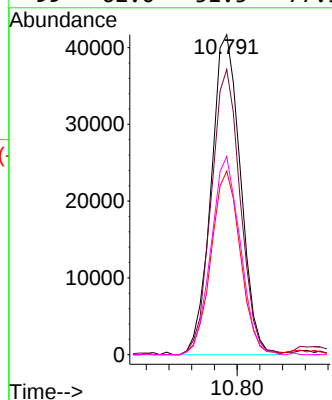
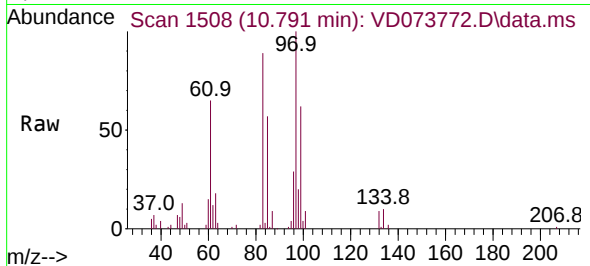




#55
1,1,2-Trichloroethane
Concen: 53.696 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

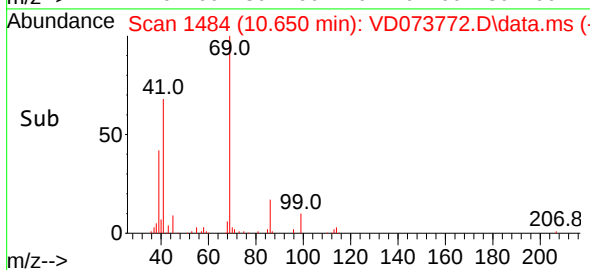
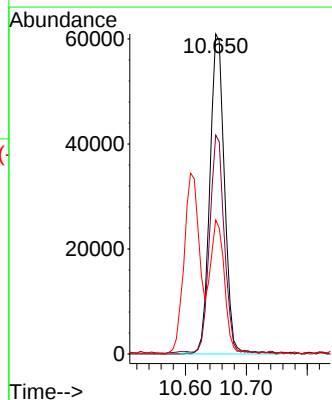
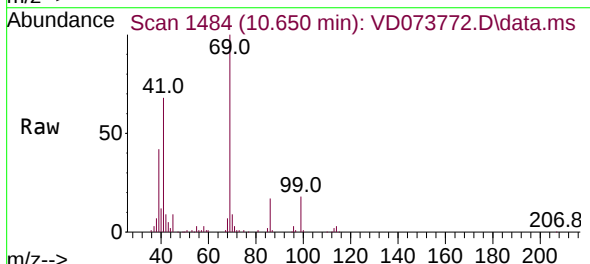
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

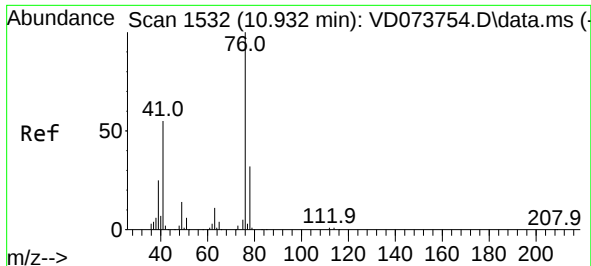
Tgt Ion:	97	Resp:	74734
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.1	100.7
85	57.4	44.0	66.0
99	62.0	51.5	77.3



#56
Ethyl methacrylate
Concen: 55.194 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:	69	Resp:	101867
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.6	77.4
39	40.5	29.2	43.8





#57

1,3-Dichloropropane

Concen: 53.500 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

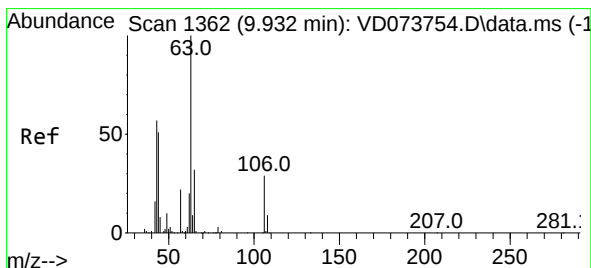
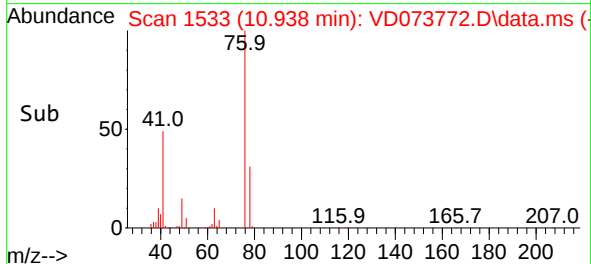
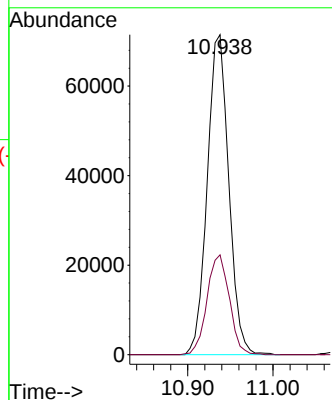
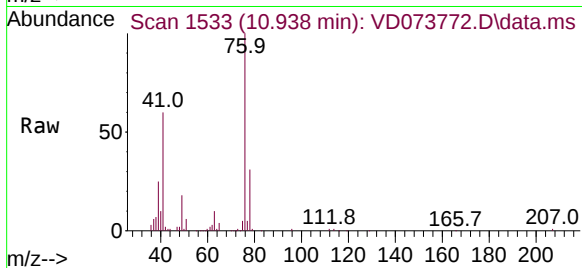
VSTDCCC050EC

Tgt Ion: 76 Resp: 125328

Ion Ratio Lower Upper

76 100

78 32.3 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 242.896 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073772.D

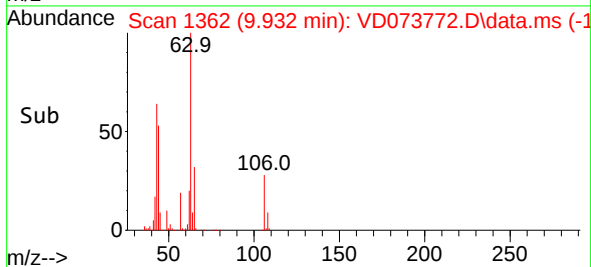
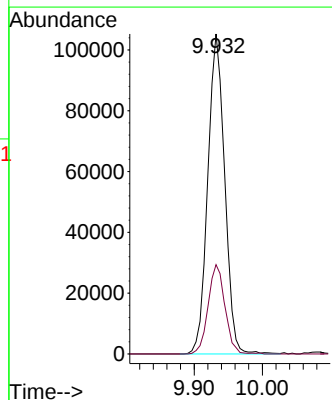
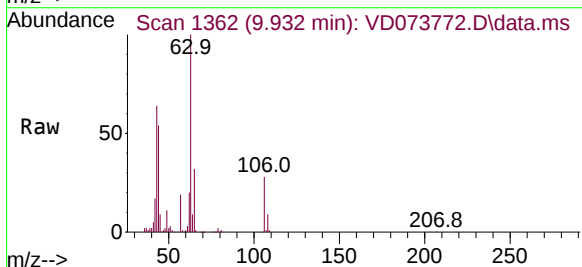
Acq: 01 Jul 2022 19:08

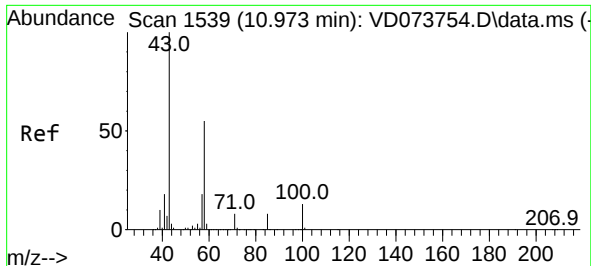
Tgt Ion: 63 Resp: 181719

Ion Ratio Lower Upper

63 100

106 27.6 25.2 37.8

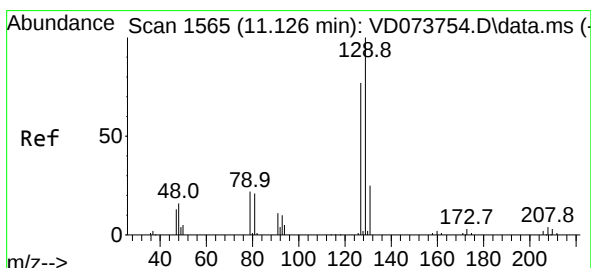
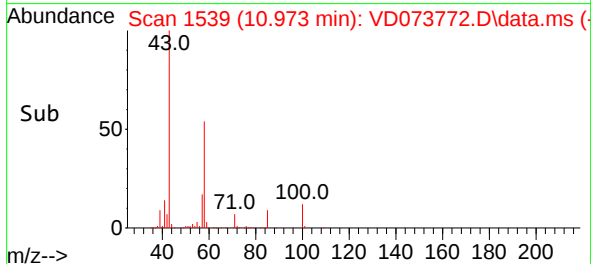
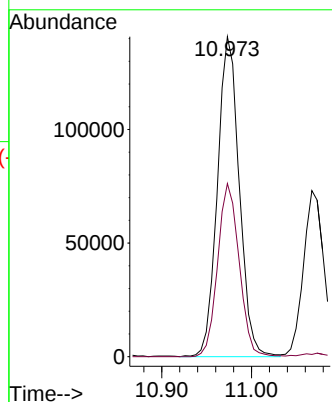
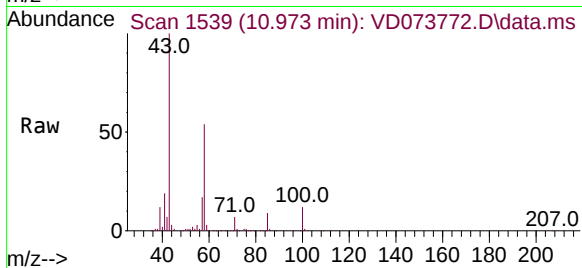




#59
2-Hexanone
Concen: 289.432 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

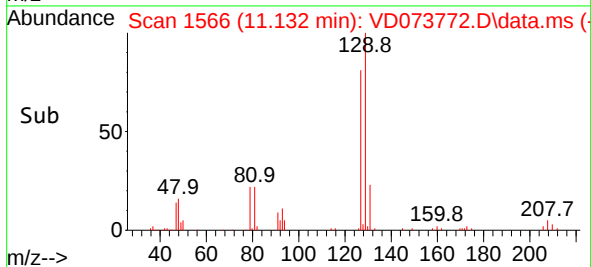
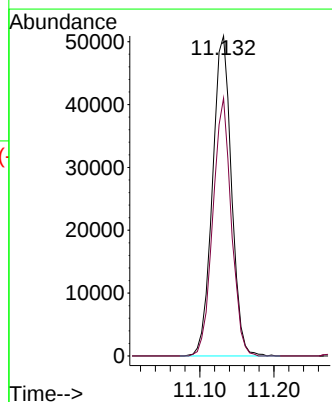
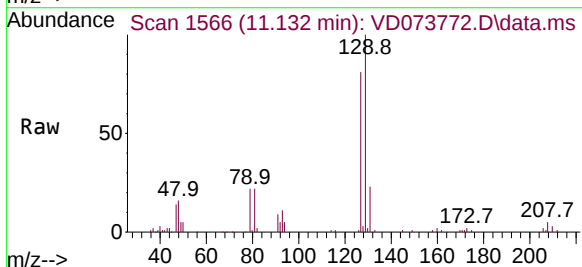
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

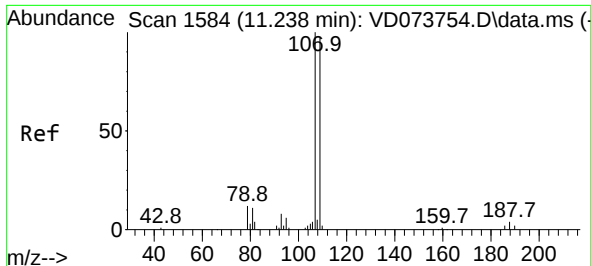
Tgt Ion: 43 Resp: 238143
Ion Ratio Lower Upper
43 100
58 53.2 28.8 86.4



#60
Dibromochloromethane
Concen: 53.575 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 129 Resp: 90539
Ion Ratio Lower Upper
129 100
127 78.0 36.8 110.4

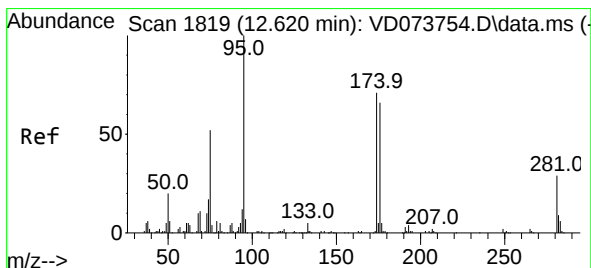
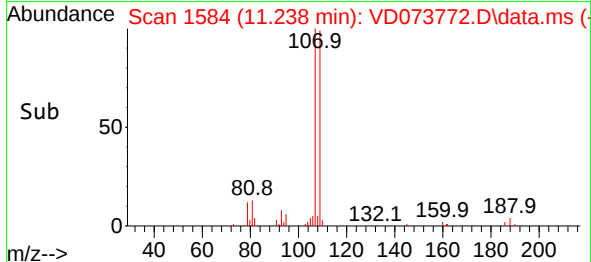
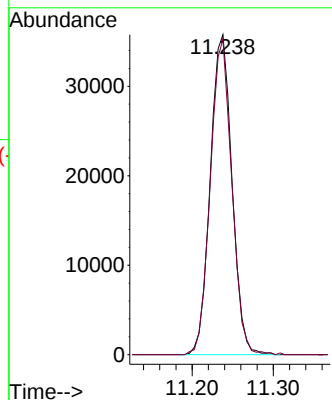
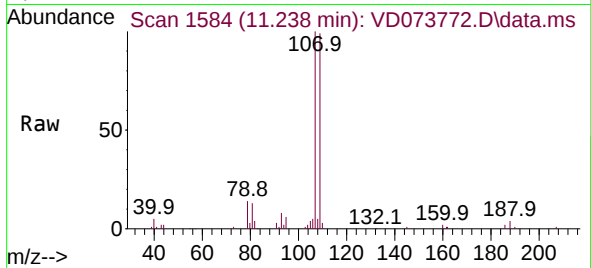




#61
1,2-Dibromoethane
Concen: 51.627 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

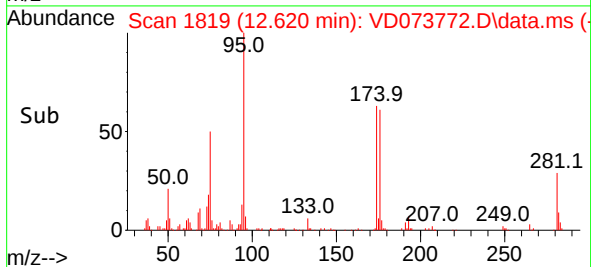
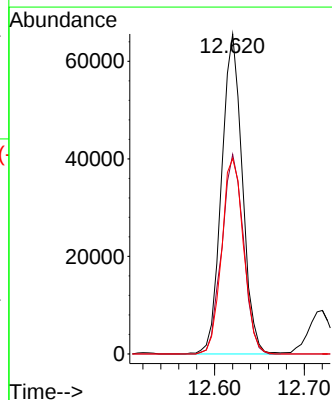
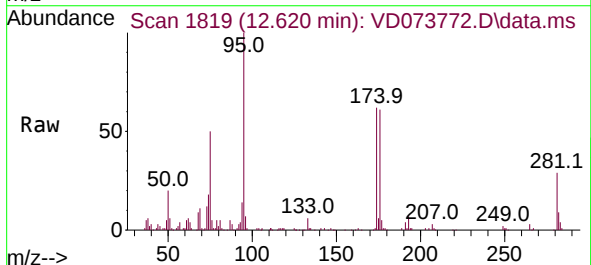
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

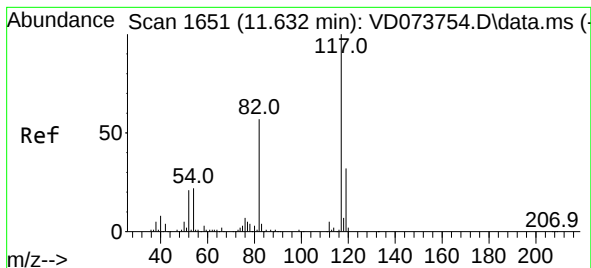
Tgt Ion:107 Resp: 66381
Ion Ratio Lower Upper
107 100
109 97.2 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 95 Resp: 105349
Ion Ratio Lower Upper
95 100
174 64.8 0.0 158.4
176 64.2 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

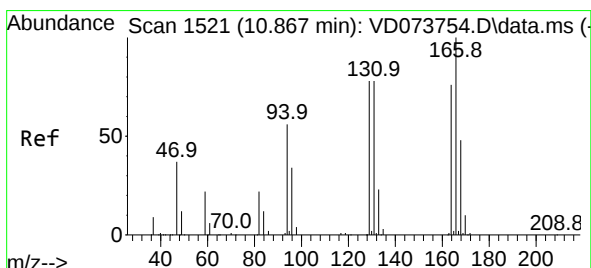
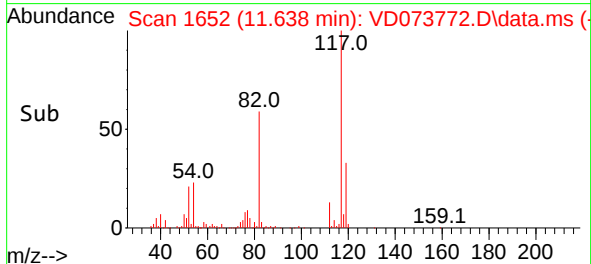
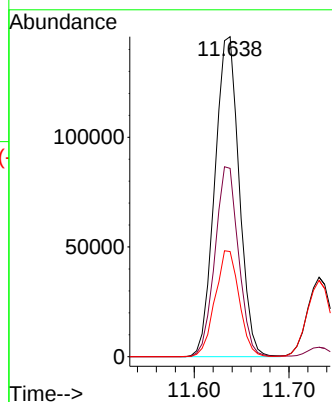
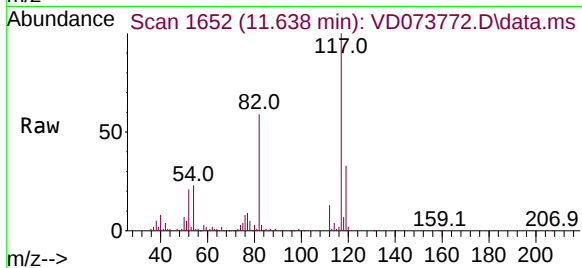
Tgt Ion:117 Resp: 260635

Ion Ratio Lower Upper

117 100

82 58.8 41.5 62.3

119 32.8 27.1 40.7



#64

Tetrachloroethene

Concen: 41.842 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Tgt Ion:164 Resp: 55747

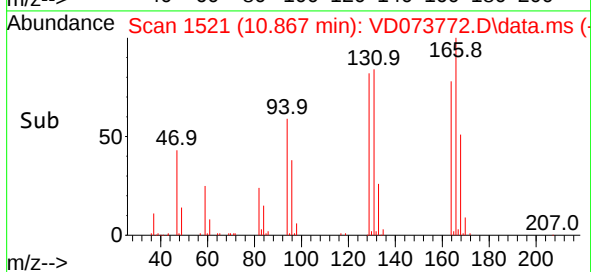
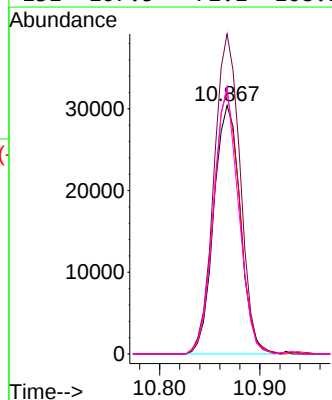
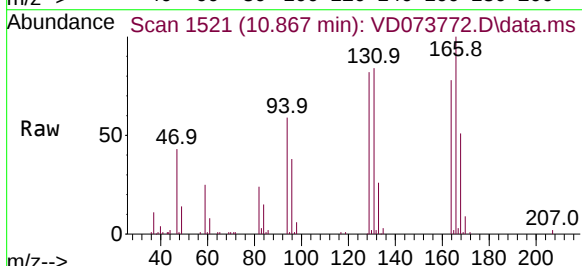
Ion Ratio Lower Upper

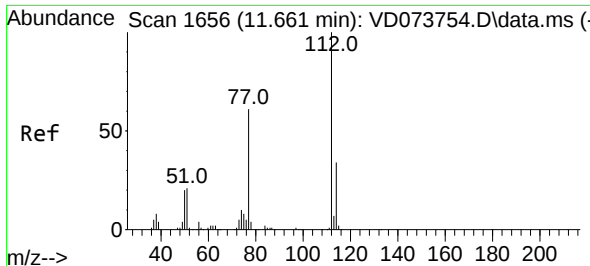
164 100

166 128.8 97.0 145.4

129 105.8 75.2 112.8

131 107.5 72.1 108.1

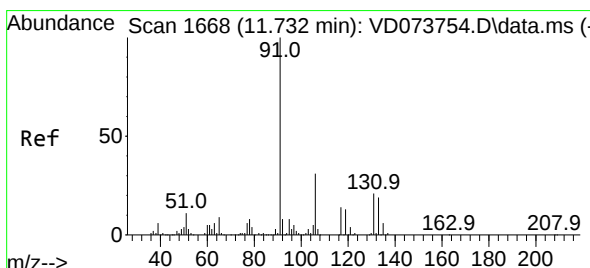
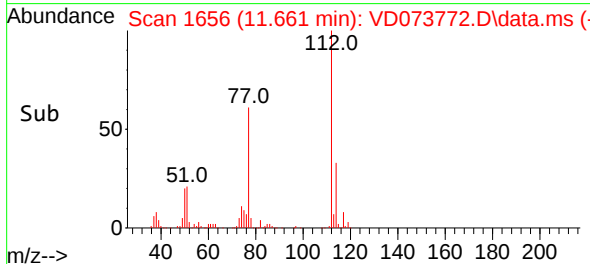
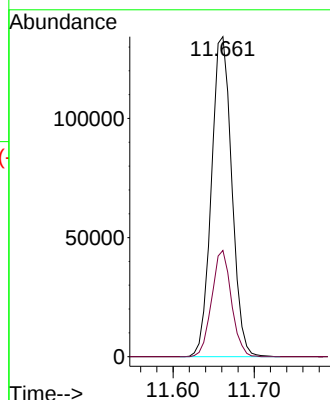
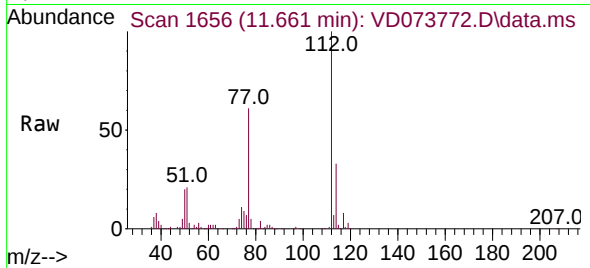




#65
Chlorobenzene
Concen: 48.624 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

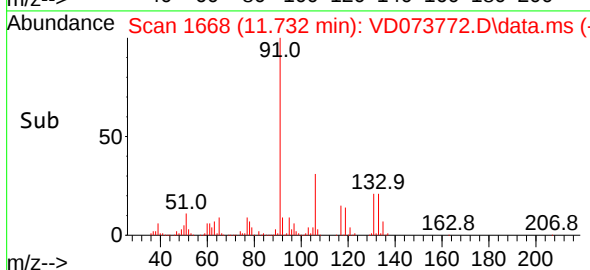
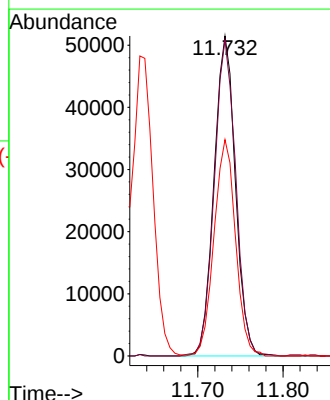
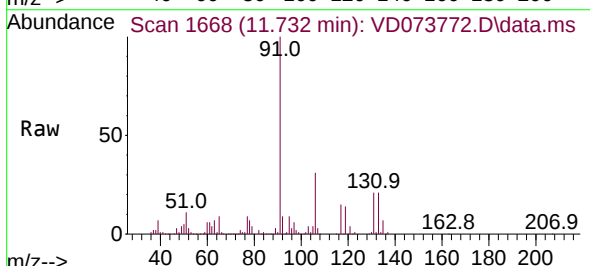
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

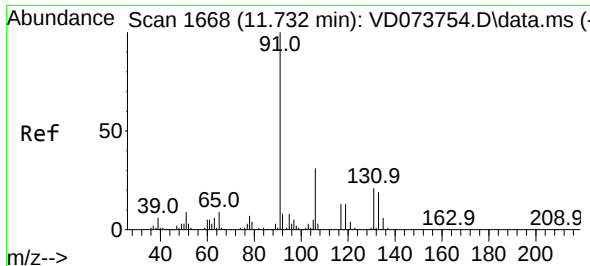
Tgt Ion:112 Resp: 233874
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.472 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:131 Resp: 89719
Ion Ratio Lower Upper
131 100
133 99.6 47.1 141.4
119 68.1 31.4 94.3

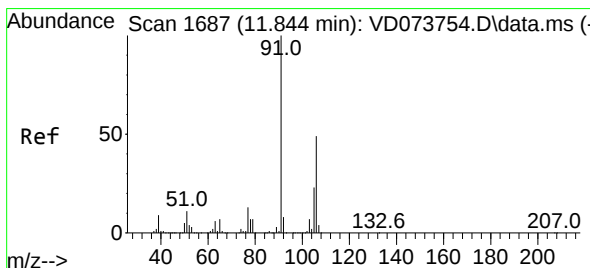
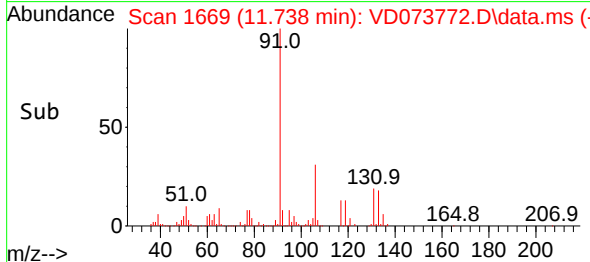
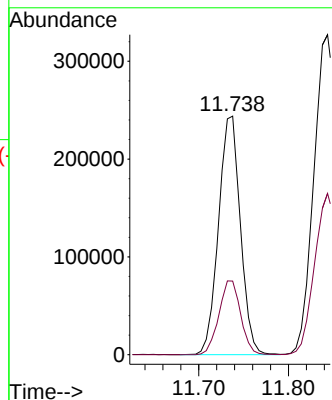
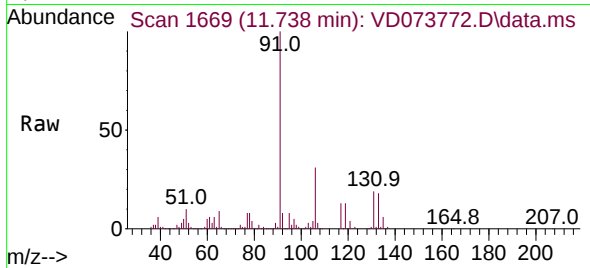




#67
Ethyl Benzene
Concen: 46.777 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

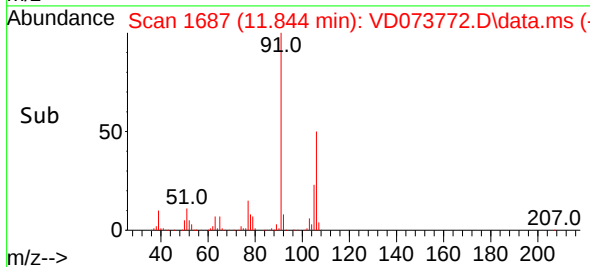
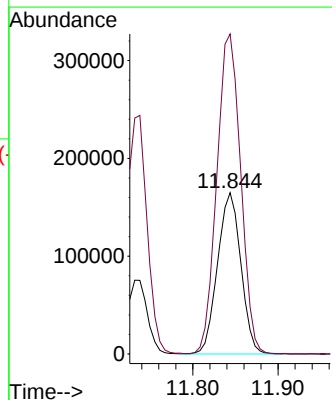
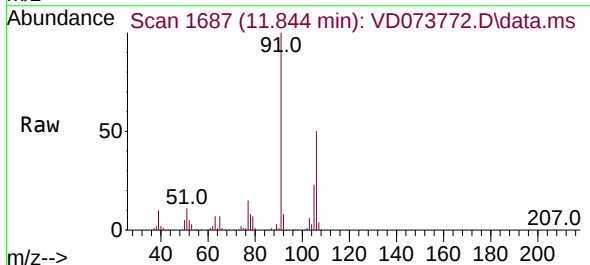
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

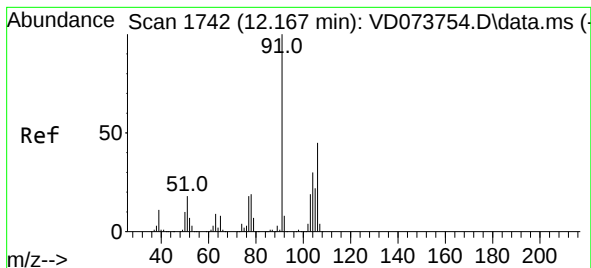
Tgt Ion: 91 Resp: 413266
Ion Ratio Lower Upper
91 100
106 30.9 23.5 35.3



#68
m/p-Xylenes
Concen: 93.195 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:106 Resp: 313226
Ion Ratio Lower Upper
106 100
91 203.1 161.4 242.2





#69

o-Xylene

Concen: 47.370 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

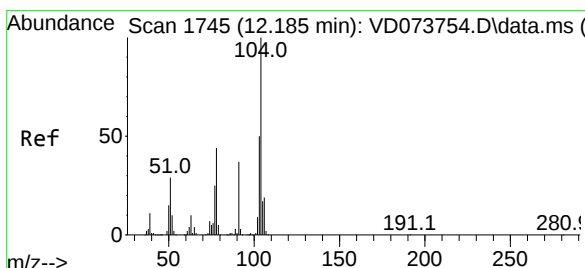
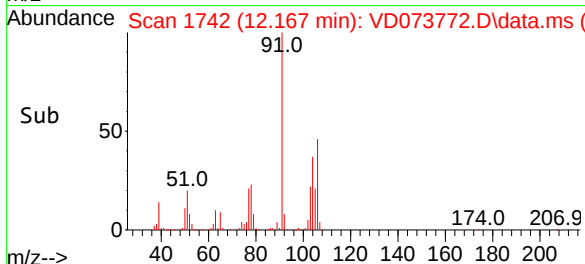
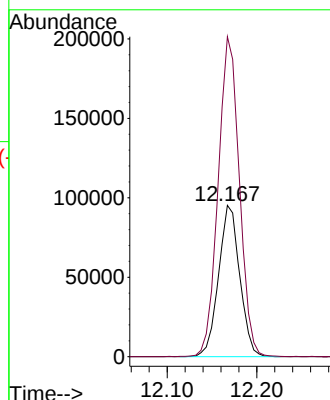
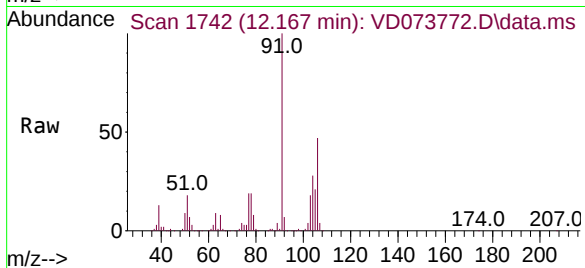
VSTDCCC050EC

Tgt Ion:106 Resp: 155851

Ion Ratio Lower Upper

106 100

91 212.5 107.6 322.8



#70

Styrene

Concen: 48.894 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

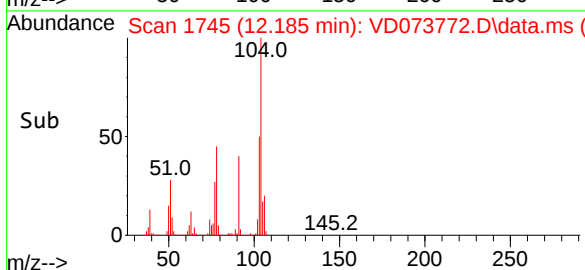
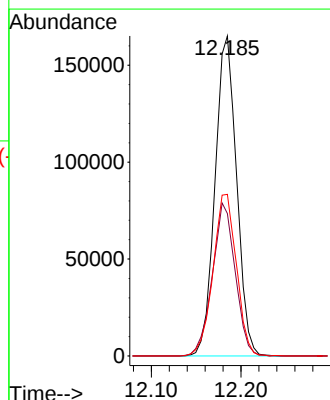
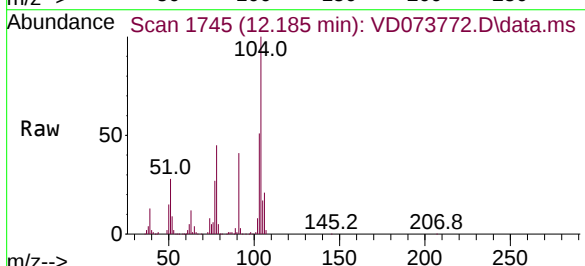
Tgt Ion:104 Resp: 275488

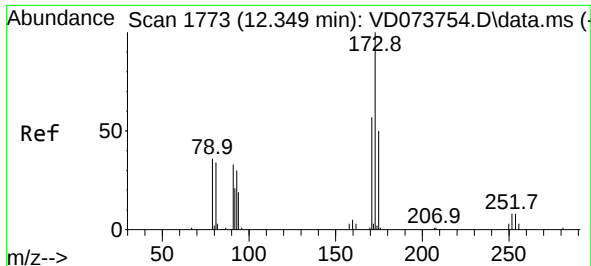
Ion Ratio Lower Upper

104 100

78 50.6 39.8 59.8

103 54.8 43.3 64.9

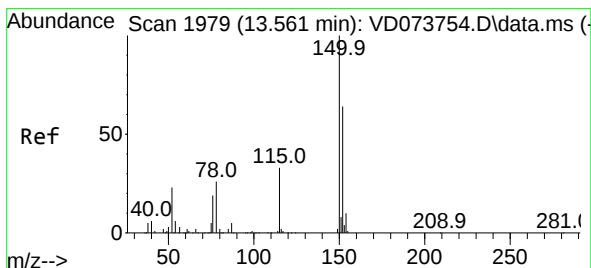
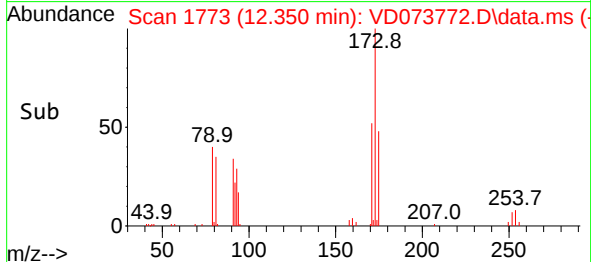
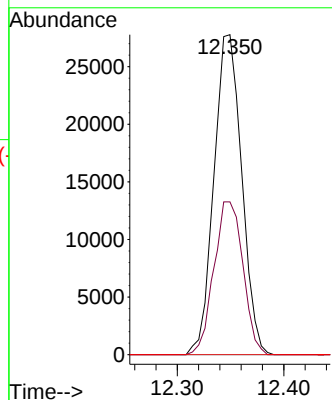
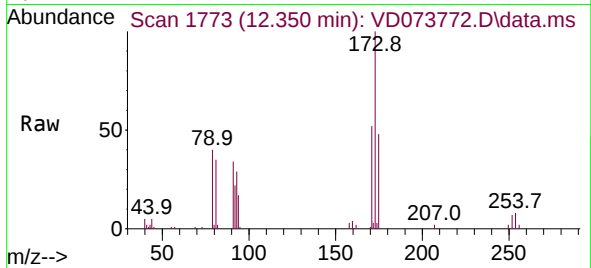




#71
Bromoform
Concen: 53.185 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

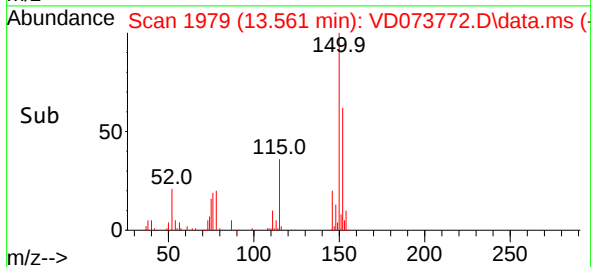
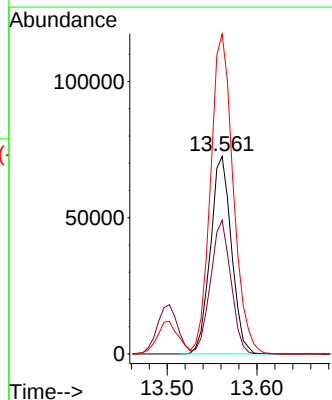
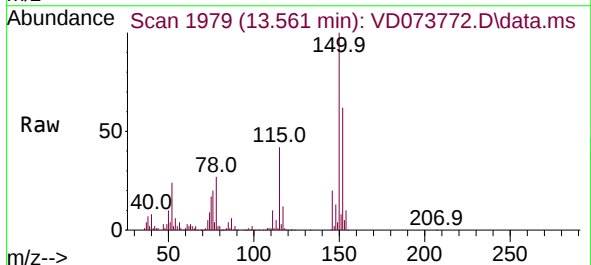
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

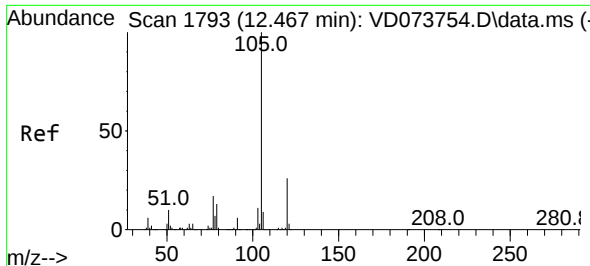
Tgt Ion:173 Resp: 50306
Ion Ratio Lower Upper
173 100
175 49.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:152 Resp: 118037
Ion Ratio Lower Upper
152 100
115 65.8 30.6 91.6
150 174.2 0.0 355.0

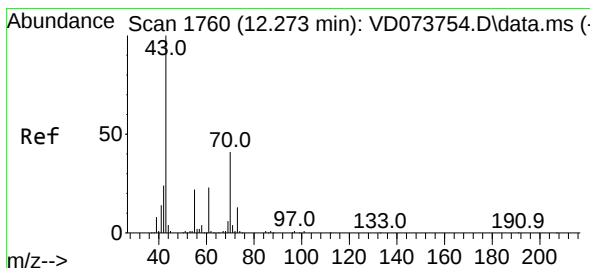
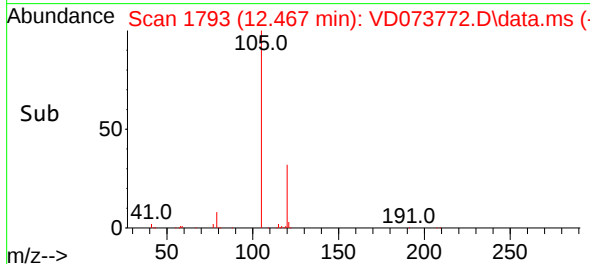
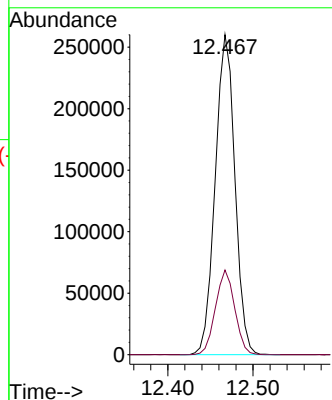
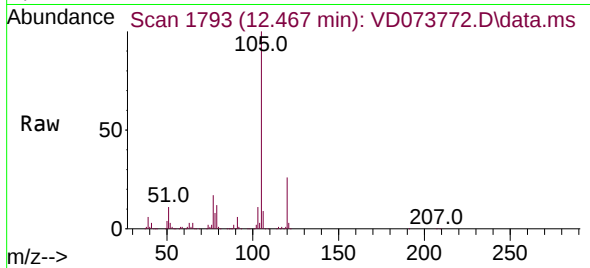




#73
Isopropylbenzene
Concen: 46.710 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

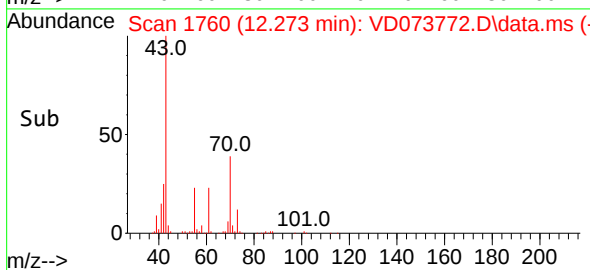
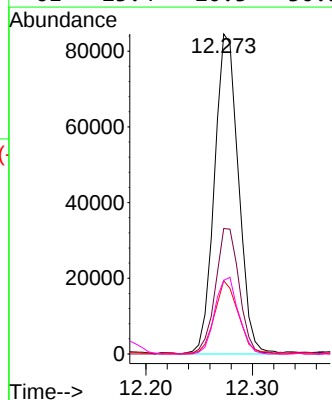
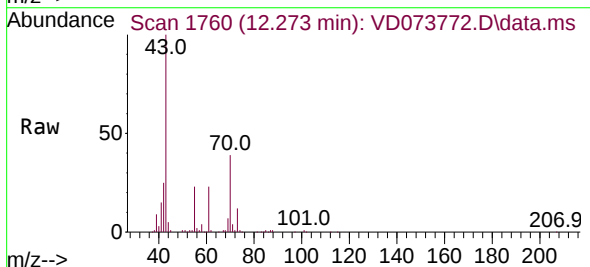
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

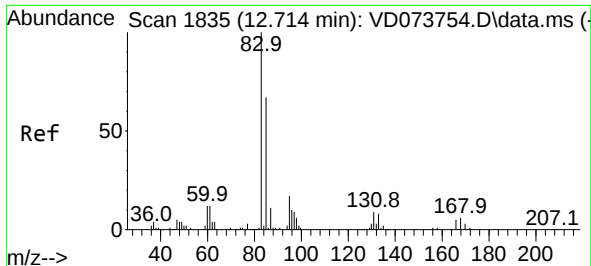
Tgt Ion:105 Resp: 417704
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 54.541 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 43 Resp: 132429
Ion Ratio Lower Upper
43 100
70 38.8 35.0 52.6
55 22.9 21.0 31.4
61 23.4 20.3 30.5

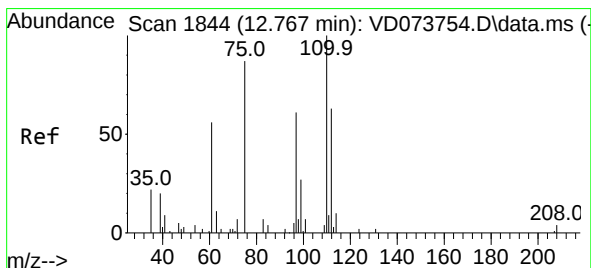
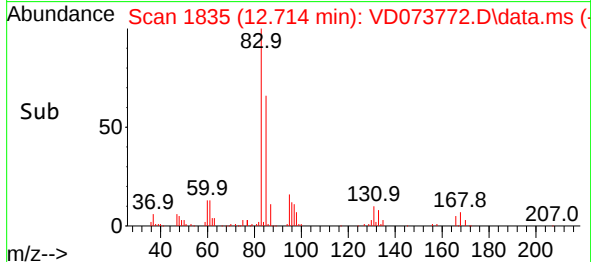
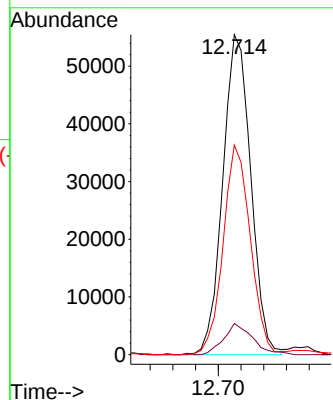
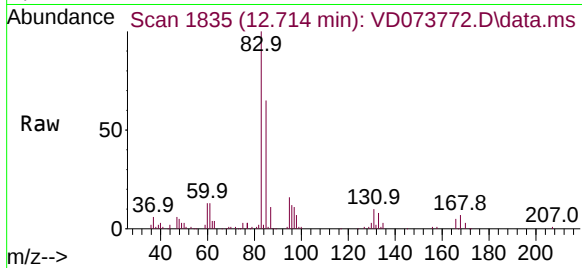




#75
 1,1,2-Tetrachloroethane
 Concen: 53.264 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

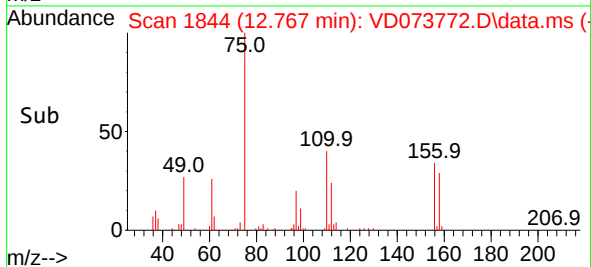
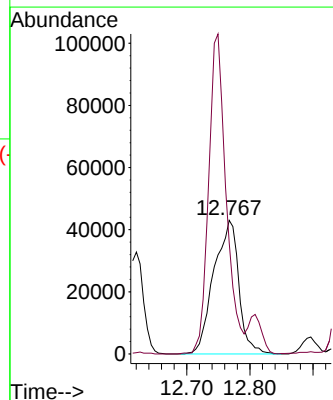
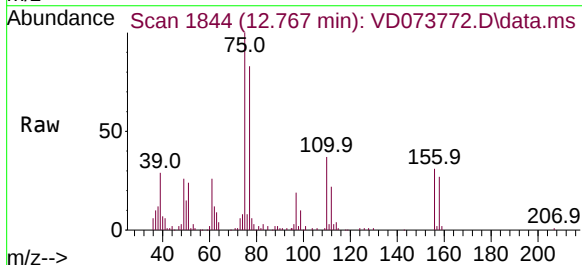
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

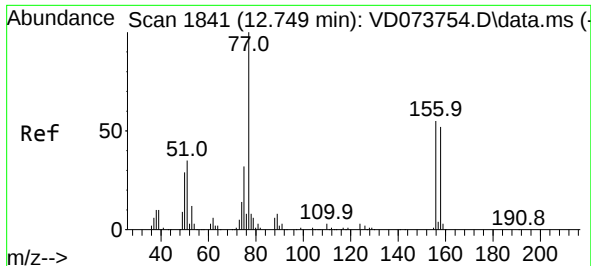
Tgt Ion: 83 Resp: 94943
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.5 16.7
 85 63.8 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 104.699 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

Tgt Ion: 75 Resp: 118105
 Ion Ratio Lower Upper
 75 100
 77 168.7 195.3 586.0#

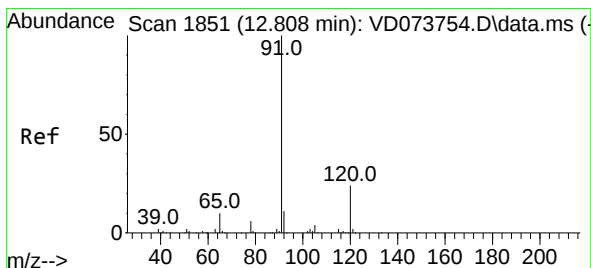
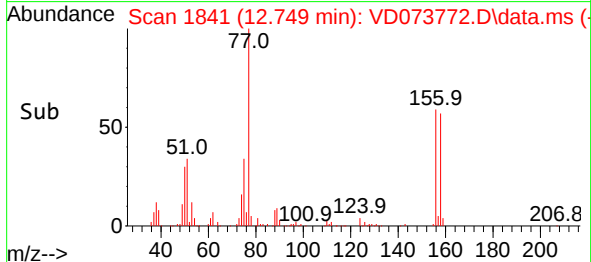
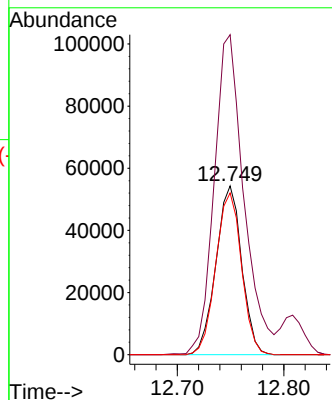
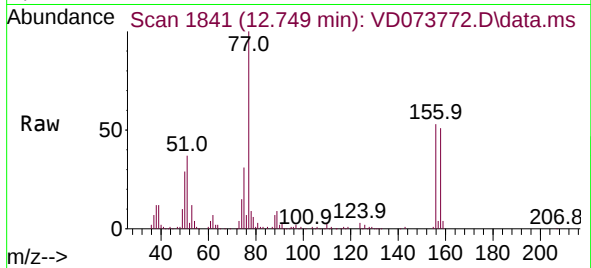




#77
Bromobenzene
Concen: 49.721 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

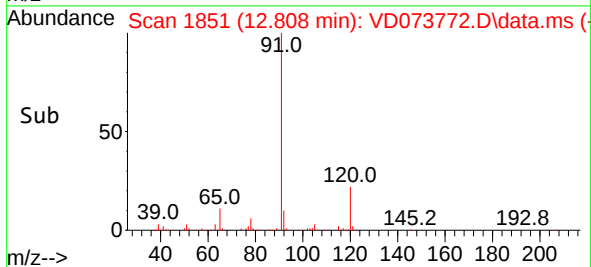
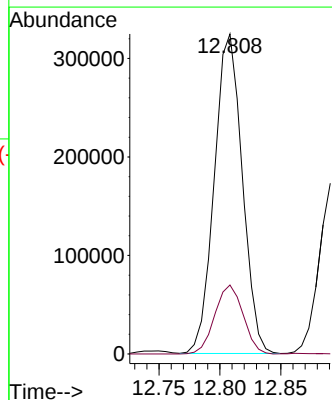
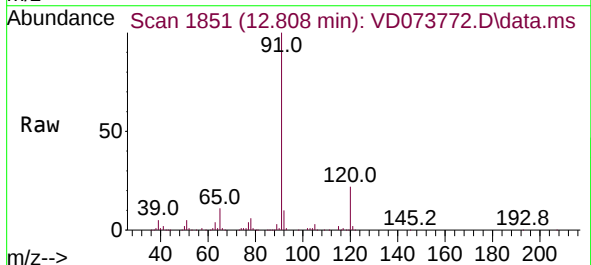
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

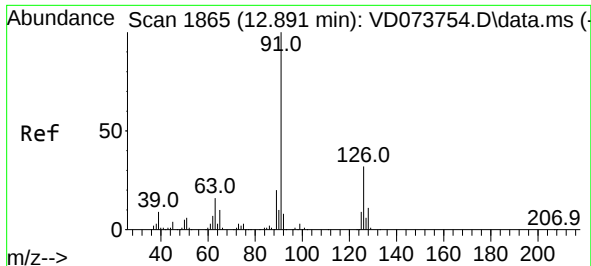
Tgt Ion:156 Resp: 91095
Ion Ratio Lower Upper
156 100
77 218.7 90.9 272.7
158 95.7 48.4 145.2



#78
n-propylbenzene
Concen: 46.320 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 91 Resp: 518444
Ion Ratio Lower Upper
91 100
120 21.8 11.8 35.3

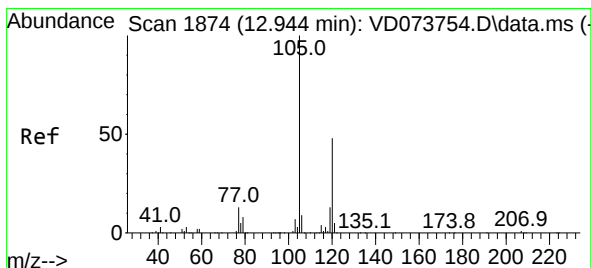
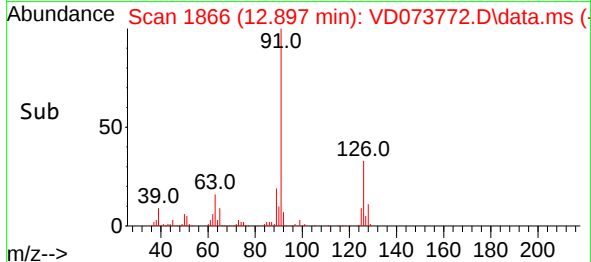
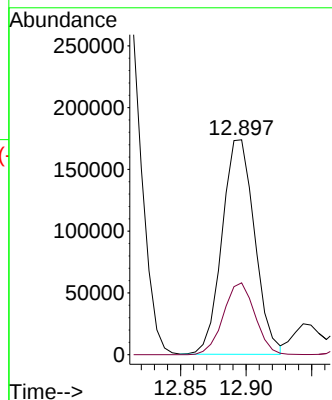
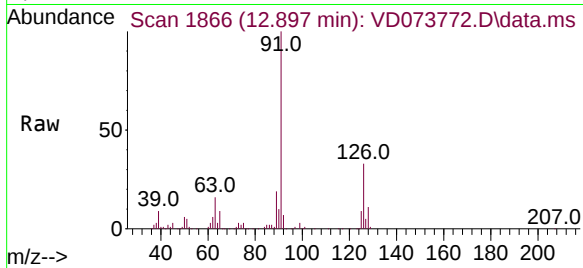




#79
2-Chlorotoluene
Concen: 48.059 ug/l
RT: 12.897 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

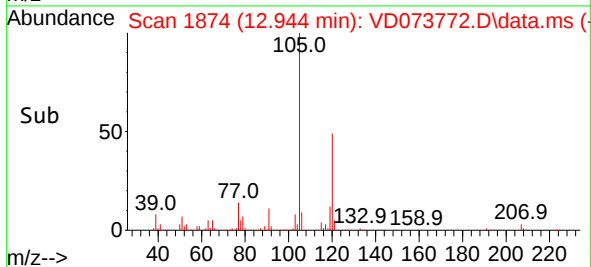
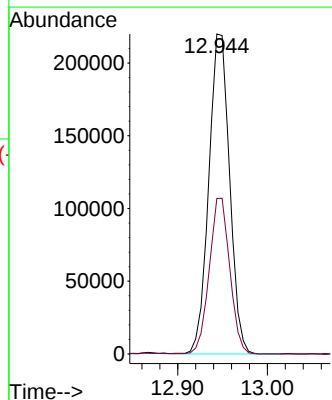
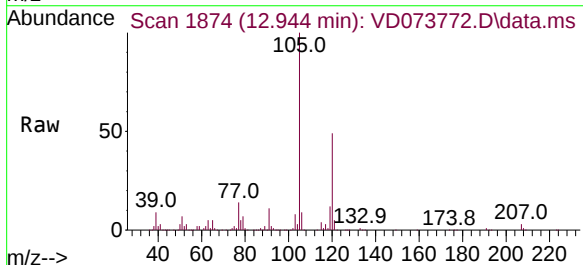
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

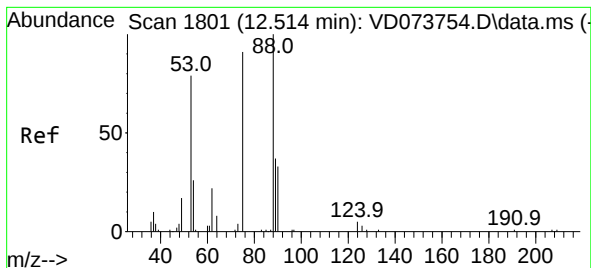
Tgt Ion: 91 Resp: 300213
Ion Ratio Lower Upper
91 100
126 32.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 47.647 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 105 Resp: 354386
Ion Ratio Lower Upper
105 100
120 48.0 24.5 73.5

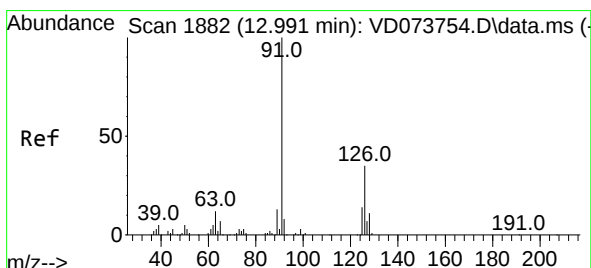
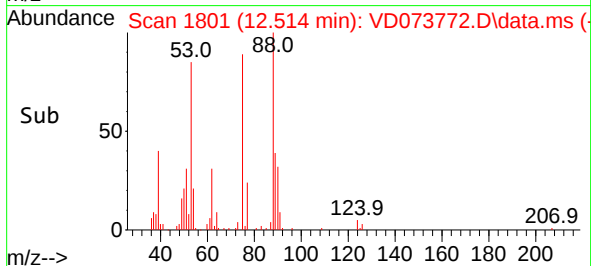
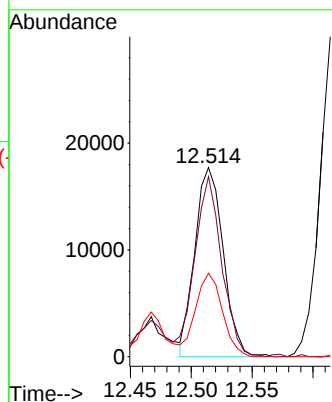
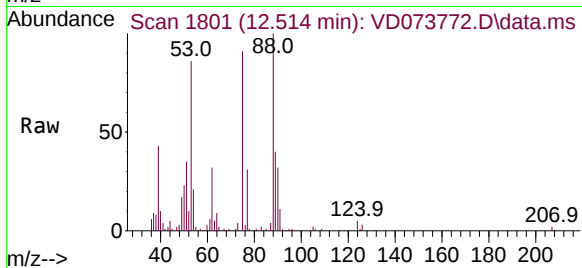




#81
trans-1,4-Dichloro-2-butene
Concen: 49.042 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

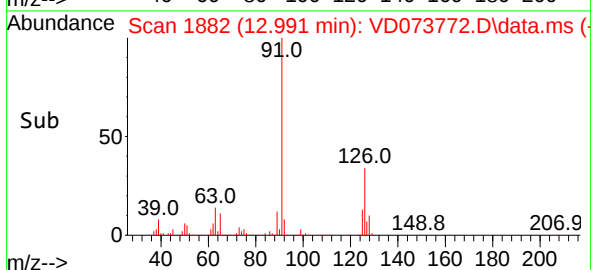
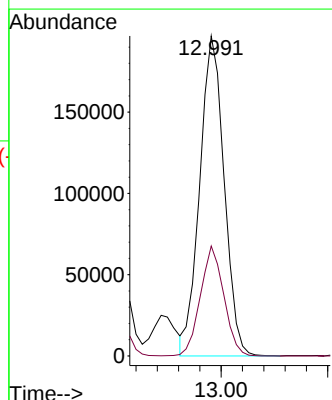
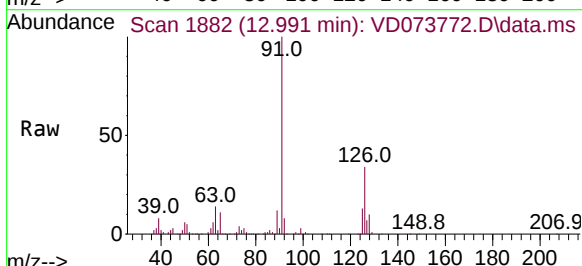
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

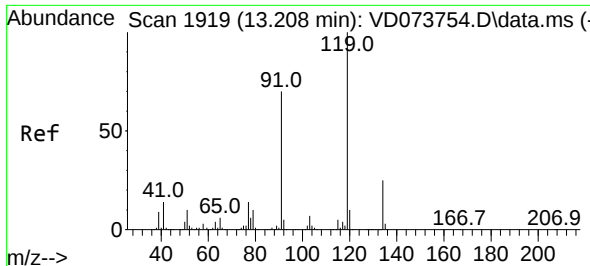
Tgt Ion: 75 Resp: 28677
Ion Ratio Lower Upper
75 100
53 91.4 77.0 115.6
89 41.7 37.8 56.8



#82
4-Chlorotoluene
Concen: 48.404 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 91 Resp: 313513
Ion Ratio Lower Upper
91 100
126 33.0 16.8 50.4

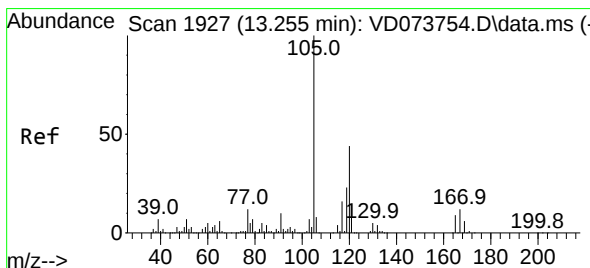
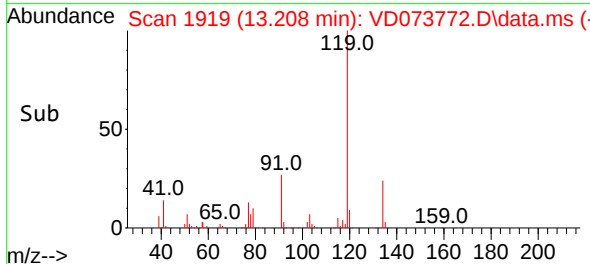
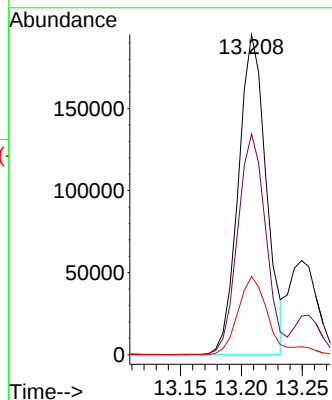
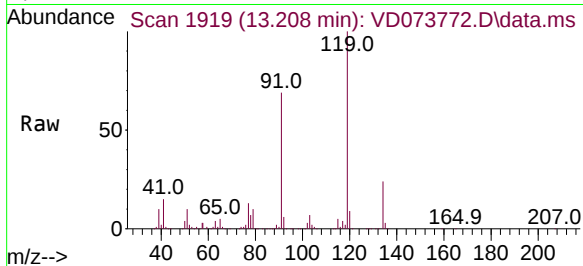




#83
tert-Butylbenzene
Concen: 47.029 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

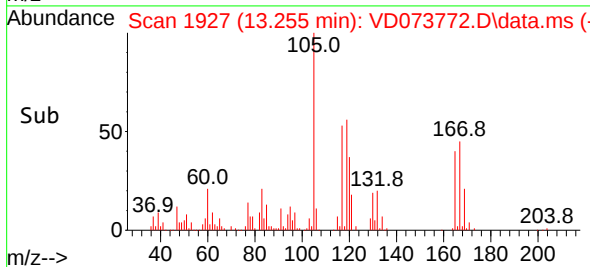
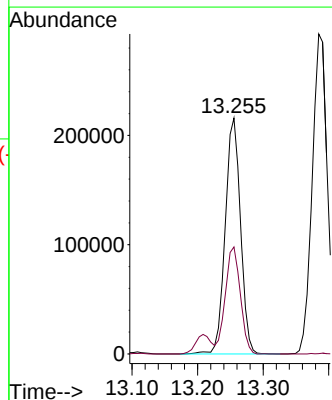
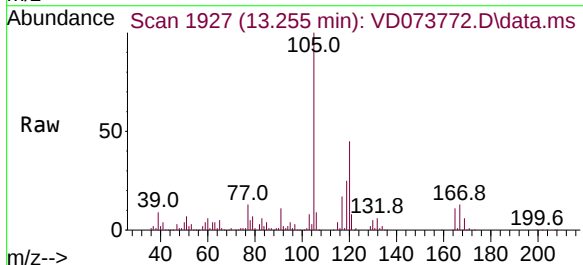
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

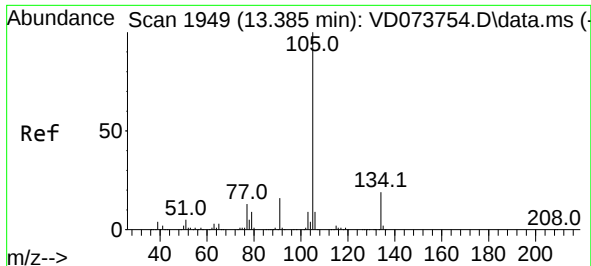
Tgt Ion:119 Resp: 309524
Ion Ratio Lower Upper
119 100
91 70.6 32.1 96.5
134 27.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 47.428 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:105 Resp: 348592
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8

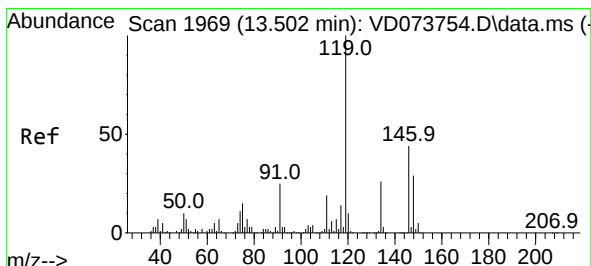
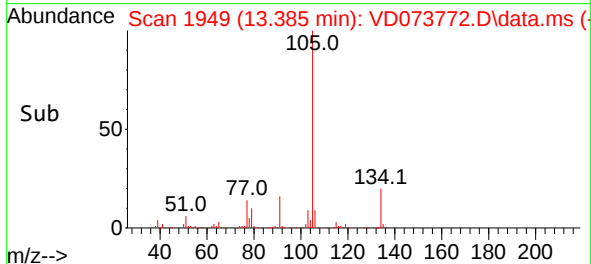
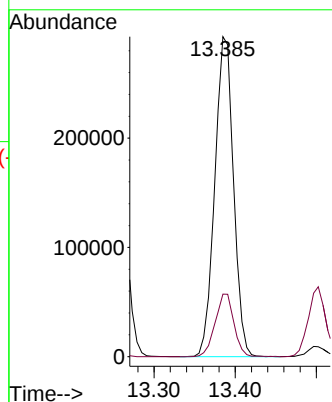
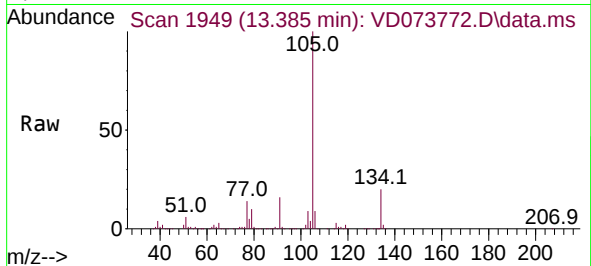




#85
 sec-Butylbenzene
 Concen: 46.113 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

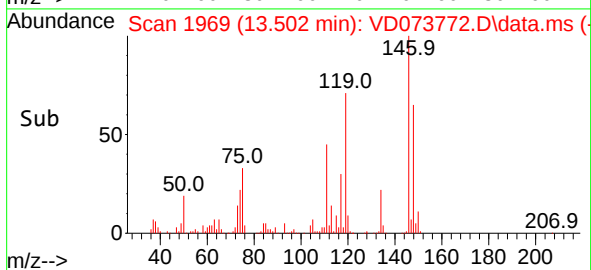
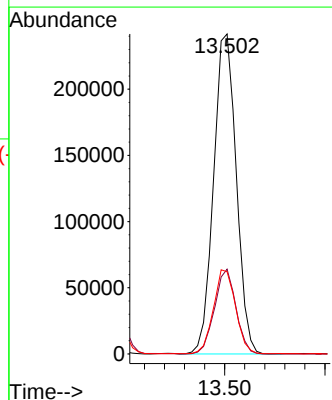
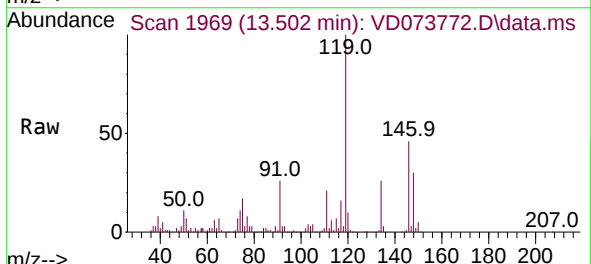
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

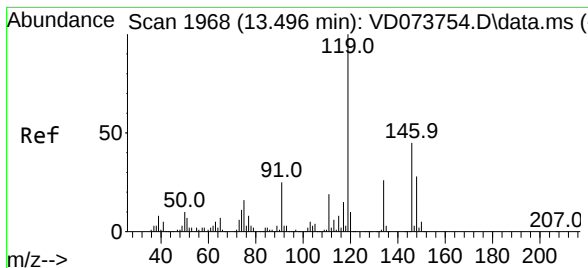
Tgt Ion:105 Resp: 469535
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.403 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073772.D
 Acq: 01 Jul 2022 19:08

Tgt Ion:119 Resp: 378623
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 39.0
 91 25.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.950 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

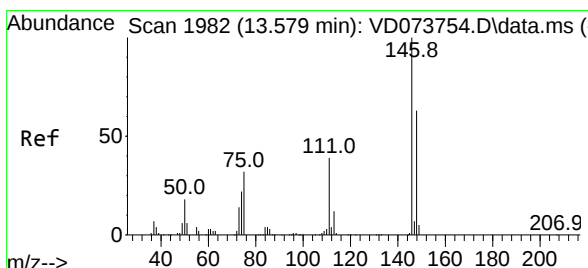
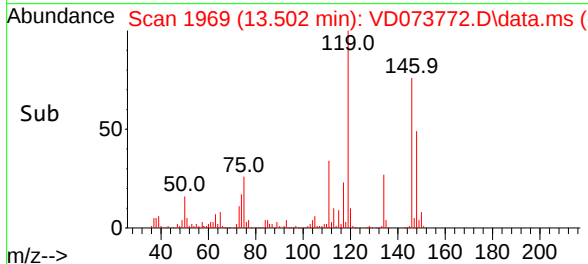
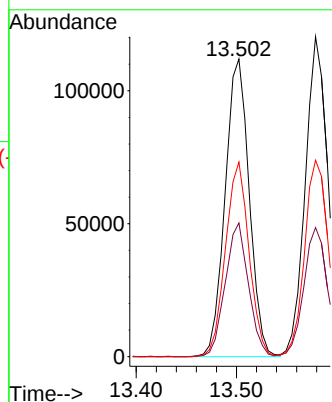
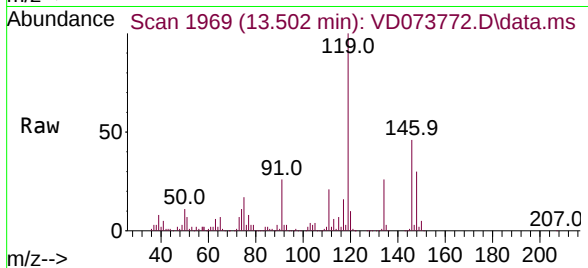
Tgt Ion:146 Resp: 186902

Ion Ratio Lower Upper

146 100

111 43.4 20.3 60.9

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.350 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

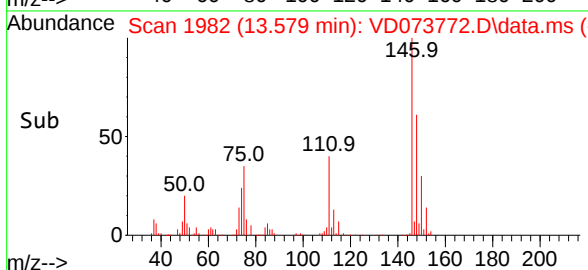
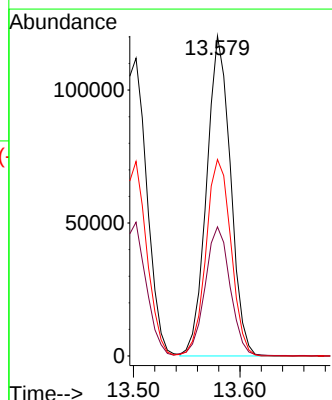
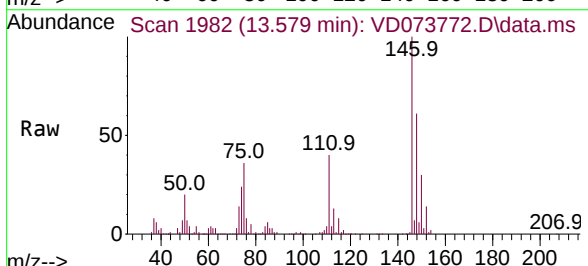
Tgt Ion:146 Resp: 187807

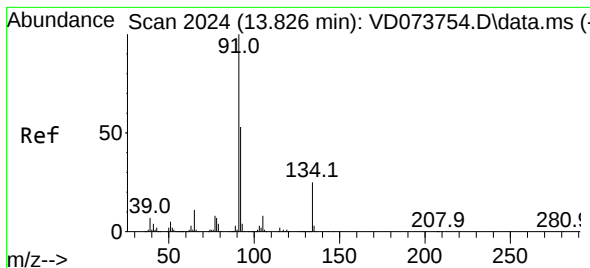
Ion Ratio Lower Upper

146 100

111 42.4 19.6 58.8

148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 45.588 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD073772.D

Acq: 01 Jul 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

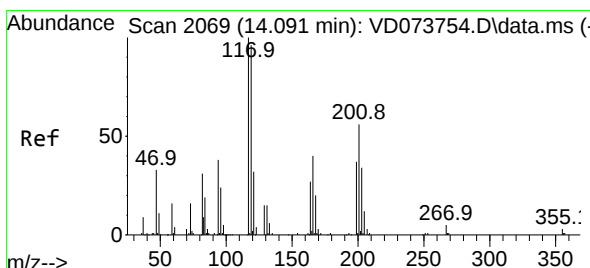
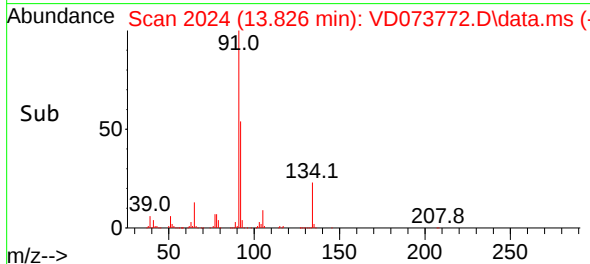
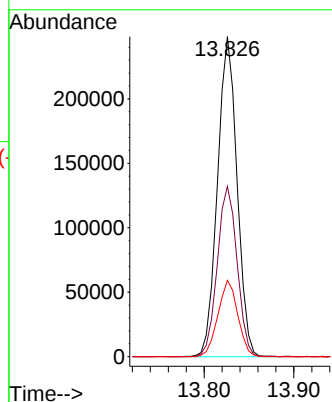
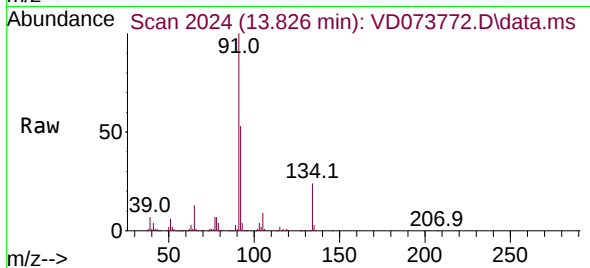
Tgt Ion: 91 Resp: 375417

Ion Ratio Lower Upper

91 100

92 53.9 26.4 79.2

134 24.2 12.7 38.0



#90

Hexachloroethane

Concen: 47.780 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073772.D

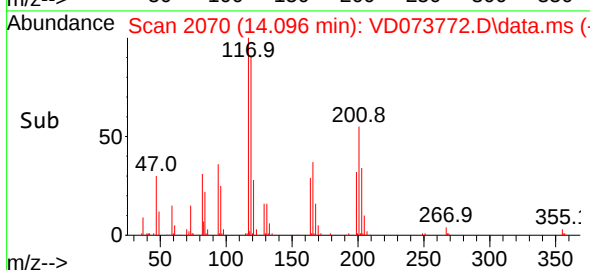
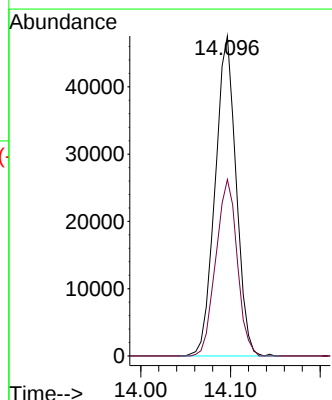
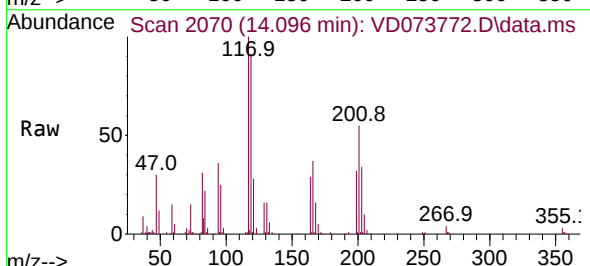
Acq: 01 Jul 2022 19:08

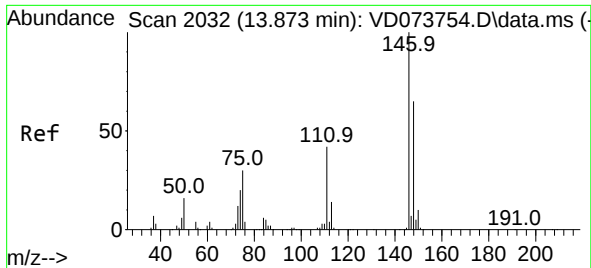
Tgt Ion: 117 Resp: 77070

Ion Ratio Lower Upper

117 100

201 56.2 33.8 101.4

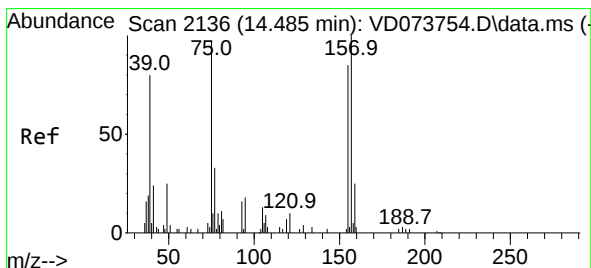
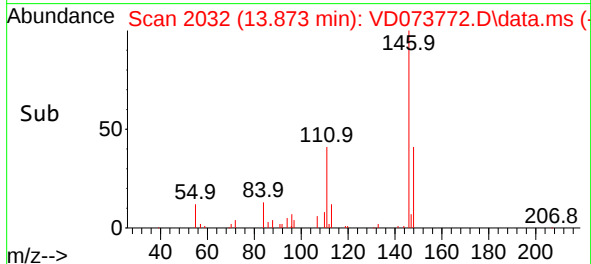
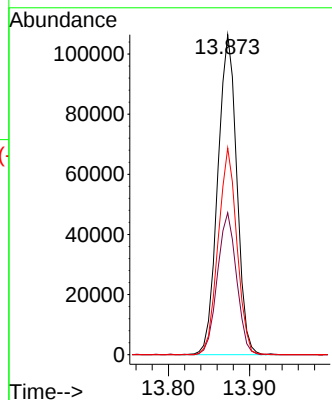
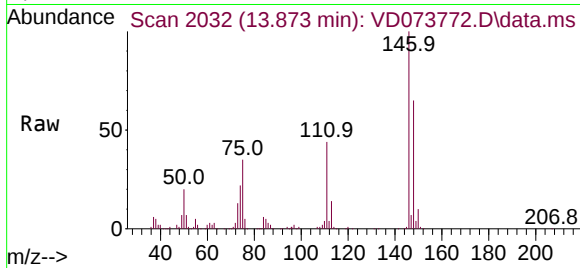




#91
1,2-Dichlorobenzene
Concen: 51.306 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

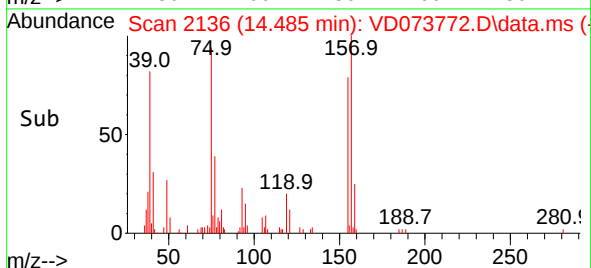
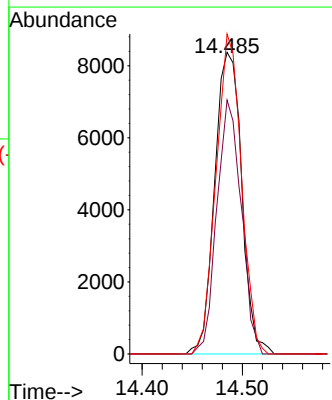
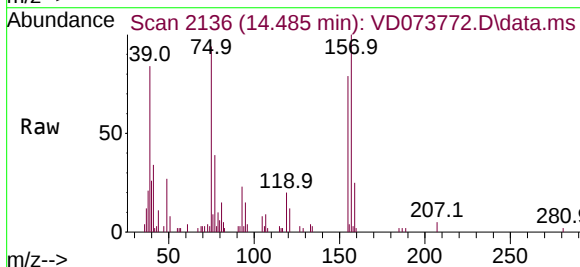
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

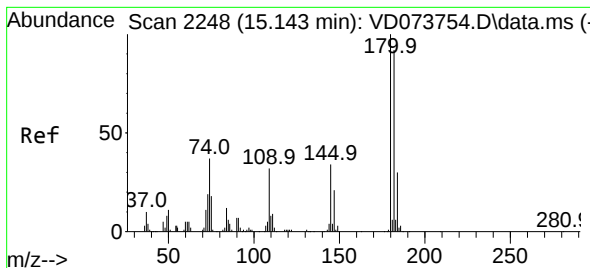
Tgt Ion:146 Resp: 173279
Ion Ratio Lower Upper
146 100
111 44.6 21.1 63.3
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.056 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion: 75 Resp: 15578
Ion Ratio Lower Upper
75 100
155 76.4 41.2 123.6
157 100.0 55.5 166.5

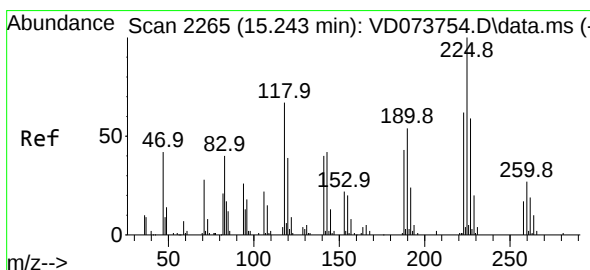
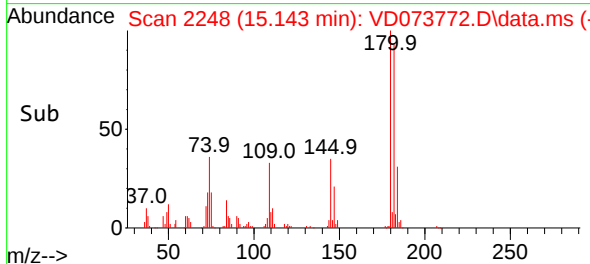
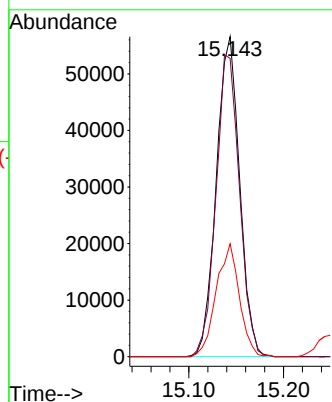
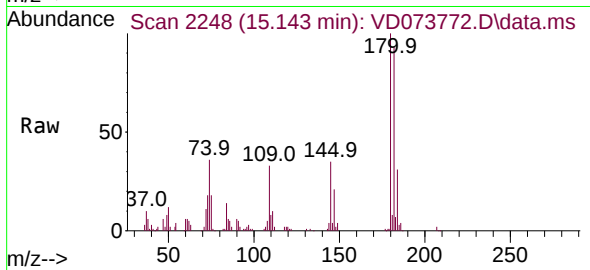




#93
1,2,4-Trichlorobenzene
Concen: 48.074 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

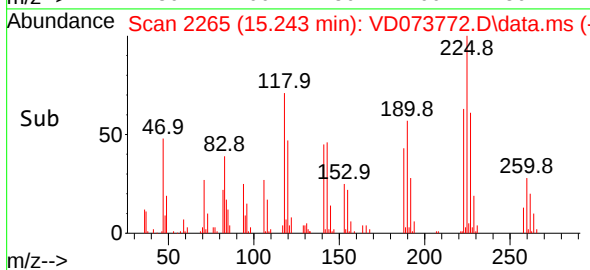
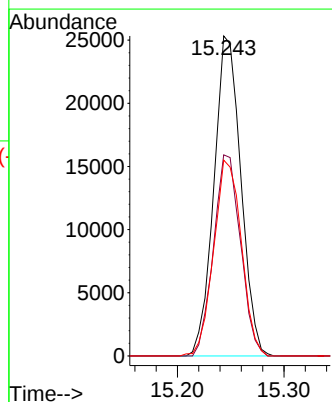
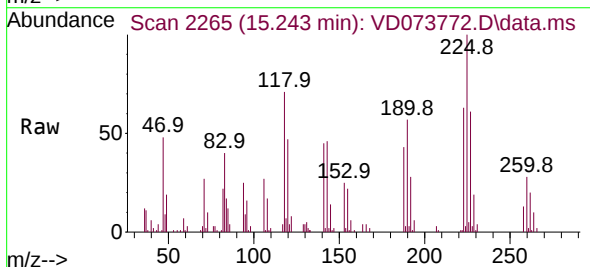
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

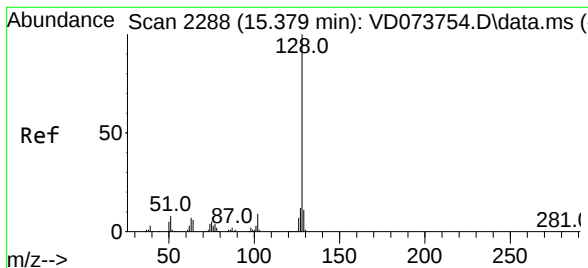
Tgt Ion:180 Resp: 96838
Ion Ratio Lower Upper
180 100
182 95.3 48.0 144.0
145 35.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 44.459 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:225 Resp: 44450
Ion Ratio Lower Upper
225 100
223 62.8 32.6 97.8
227 62.8 32.6 97.8

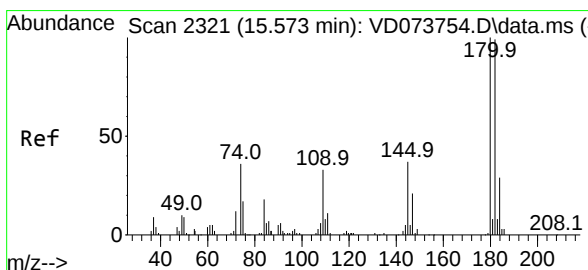
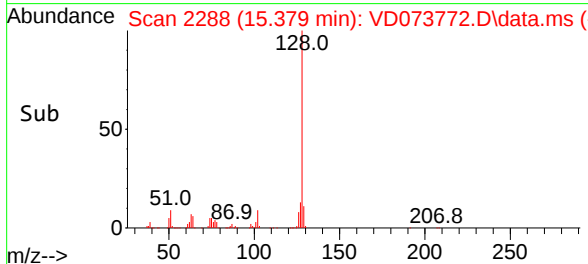
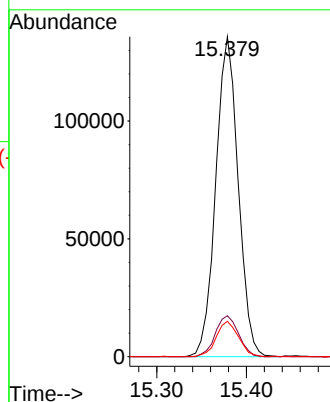
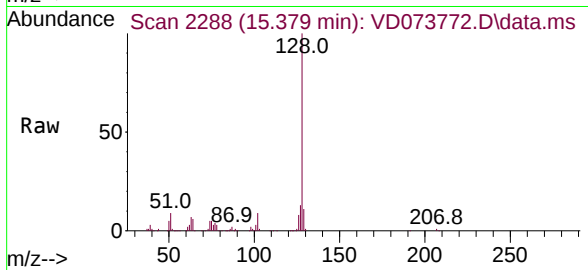




#95
Naphthalene
Concen: 52.776 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 235672
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.189 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073772.D
Acq: 01 Jul 2022 19:08

Tgt Ion:180 Resp: 89680
Ion Ratio Lower Upper
180 100
182 91.5 49.0 147.0
145 36.6 17.6 52.8

